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Table 17
Groundwater Analytical
Results Summary Table
Background Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-5 R	MW-5 R	MW-5 R	MW-5R	MW-21 OB	MW-21 OB	MW-21 OB	MW-21OB	MW-21 R	MW-21 R	MW-21 R	MW-21R	MW-22 OB	MW-22 OB	MW-22 OB	MW-22OB
Sample Date:					5/10/2012	8/29/2012	11/9/2012	3/1/2013	5/10/2012	8/28/2012	11/12/2012	2/28/2013	5/10/2012	8/28/2012	11/12/2012	2/28/2013	5/11/2012	8/29/2012	11/13/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050273	12080697	12110209	13030024	12050273	12080697	12110231	13020486	12050273	12080697	12110231	13020486	12050307			13030053
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Background
Volatile Organic Compounds (VOCs)																				
Method 8260 (µg/l)																				
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000																
1,1-Dichloroethane	70	~	34,600	50,000																
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6																
1,2,4-Trimethylbenzene	~	~	~	~																
1,2-Dichlorobenzene	600	170,000	30,500	50,000																
1,2-Dichloroethane	1	2,970	21	90																
1,2-Dichloropropane	5	~	14	60																
1,3,5-Trimethylbenzene	~	~	~	~																
1,4-Dichlorobenzene	75	26,000	50,000	50,000																
4-Isopropyltoluene	~	~	~	~																
Benzene	1	710	215	530																
Bromodichloromethane	~	~	~	~																
Chlorobenzene	100	420,000	1,800	6,150																
Chloroform	6	14,100	287	710																
cis-1,2-Dichloroethene	70	~	~	~																
Ethylbenzene	700	580,000	50,000	50,000																
Isopropylbenzene	~	~	~	~																
m+p Xylenes	530	~	21,300	50,000																
n-Butylbenzene	~	~	~	~																
n-Propylbenzene	~	~	~	~																
Naphthalene	280	~	~	~																
o-Xylene	530	~	21,300	50,000																
sec-Butylbenzene	~	~	~	~																
tert-Butylbenzene	~	~	~	~																
Tetrachloroethylene (PCE)	5	88	1,500	3,820																
Tetrahydrofuran																				
Toluene	1,000	4,000,000	23,500	50,000																
trans-1,2-Dichloroethene	100	~	~	~																
Trichloroethylene (TCE)	5	2,340	219	540																
Vinyl Chloride	2	15,750	2	2																
Semi-Volatile Organic Compounds (SVOCs)																				
Method 8270 (µg/l)																				
1, 4-Dichlorobenzene	75																			
2-Methyl Naphthalene	49	~	~	~																
Benzo[a]anthracene	0.06	0.3	~	~																
Benzo[a]pyrene	0.2	0.3	~	~																
Benzo[b]fluoranthene	0.08	0.3	~	~	**0.11**															
Benzo[k]fluoranthene	0.5	0.3	~	~																
Dibenz[a,h]anthracene	~	~	~	~																
Indeno[1,2,3-cd]pyrene	~	~	~	~																
Naphthalene	280	~	~	~																
Phenanthrene	200	0.3	~	~																
Extractable Total Petroleum Hydrocarbons (ETPH)																				
CTETPH Method (µg/l)	500	~	~	~							150									

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 17
Groundwater Analytical
Results Summary Table
Background Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

PCBs, Pesticides & Herbicides
Total & Dissolved PP Metals
and General Chemistry

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-5 R	MW-5 R	MW-5 R	MW-5R	MW-21 OB	MW-21 OB	MW-21 OB	MW-21OB	MW-21 R	MW-21 R	MW-21 R	MW-21R	MW-22 OB	MW-22 OB	MW-22 OB	MW-22OB
Sample Date:					5/10/2012	8/29/2012	11/9/2012	3/1/2013	5/10/2012	8/28/2012	11/12/2012	2/28/2013	5/10/2012	8/28/2012	11/12/2012	2/28/2013	5/11/2012	8/29/2012	11/13/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050273	12080697	12110209	13030024	12050273	12080697	12110231	13020486	12050273	12080697	12110231	13020486	12050307			13030053
Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Background
Polychlorinated Biphenyls (PCBs)																				
Method 8082 (µg/l)																				
Pesticides																				
Method 8081B (µg/l)																				
Herbicides																				
Method 8151A (µg/l)																				
Total Priority Pollutant Metals plus K & Na																				
Method 200.7 (µg/l)																				
Arsenic	50	4	~	~																
Cadmium	5	6	~	~																
Iron	~	~	~	~	540		280		8,700	26,000	7,100	1,600	18,000	17,000	15,000	14,000	190			
Lead	15	13	~	~																
Manganese	~	~	~	~			21		1,100	1,700	680	630	370	340	320	300	320			
Mercury	2	0.4	~	~																
Nickel	100	880	~	~																
Potassium	~	~	~	~	2,300	2,300	2,400	2,200	5,700	8,800	4,500	9,600	1,600	1,700	1,600	1,800	3,800			3,800
Selenium	50	50	~	~																
Sodium	~	~	~	~	9,500	10,000	11,000	9,400	160,000	190,000	100,000	290,000	24,000	24,000	22,000	24,000	3,800 B			4,900
Zinc	5,000	123	~	~						27							25			
Dissolved Priority Pollutant Metals																				
Method 200.8 (µg/l)																				
Arsenic	NA	NA	NA	NA																
Cadmium	NA	NA	NA	NA																
Copper	NA	NA	NA	NA																
Iron	NA	NA	NA	NA		130			4,600	9,700	5,000	430	17,000	13,000	13,000	13,000				
Lead	NA	NA	NA	NA																
Manganese	NA	NA	NA	NA			40		960	1,400	590	550	360	280	280	290	270 B			
Mercury	NA	NA	NA	NA																
Nickel	NA	NA	NA	NA																
Zinc	NA	NA	NA	NA													28			21
General Chemistry (µg/l)																				
Alkalinity, Tot(CaCO3)	~	~	~	~	35,000	37,000	25,000	26,000	150,000	110,000	150,000	180,000	35,000	28,000	35,000	33,000	14,000			11,000
Ammonia as N	~	~	~	~						1,900	2,600	970	190		680	610				
Biochemical Oxygen Demand, 5 Day	~	~	~	~						4,000										
Chloride	~	~	~	~	5,100	5,100	6,100	5,600	230,000	310,000	84,000	620,000	68,000	57,000	50,000	45,000	3,600			3,700
Hardness	~	~	~	~	28,000	28,000	28,000	28,000	66,000	72,000	47,000	250,000	54,000	51,000	46,000	41,000	18,000			19,000
Nitrate as N	~	~	~	~	630	860	890	970				610					620			2,200
Sulfate	~	~	~	~	15,000	19,000	23,000	16,000	11,000		12,000	25,000	23,000	31,000	33,000	30,000	13,000			13,000
Total Dissolved Solids	~	~	~	~	100,000	67,000	84,000	100,000	90,000	600,000	260,000	1,300,000	100,000	200,000	130,000	180,000	38,000			15,000
Total Suspended Solids	~	~	~	~	11,000		12,000		62,000	200,000	73,000	7,000	6,000							

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Table 17
Groundwater Analytical
Results Summary Table
Background Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-22 R	MW-22 R	MW-22 R	MW-22R	MW-23 OB	MW-23 OB	MW-23 OB	MW-23OB	MW-23 R	MW-23 R	MW-23 R	MW-23R
Sample Date:					5/11/2012	8/29/2012	11/13/2012	3/4/2013	5/9/2012	8/29/2012	11/12/2012	3/4/2013	5/10/2012	8/29/2012	11/13/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050307	12080697	12110253	13030053	12050225	12080697	12110231	13030053	12050273	12080697	12110253	13030053
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000												
1,1-Dichloroethane	70	~	34,600	50,000												
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6												
1,2,4-Trimethylbenzene	~	~	~	~												
1,2-Dichlorobenzene	600	170,000	30,500	50,000												
1,2-Dichloroethane	1	2,970	21	90												
1,2-Dichloropropane	5	~	14	60												
1,3,5-Trimethylbenzene	~	~	~	~												
1,4-Dichlorobenzene	75	26,000	50,000	50,000												
4-Isopropyltoluene	~	~	~	~												
Benzene	1	710	215	530												
Bromodichloromethane	~	~	~	~												
Chlorobenzene	100	420,000	1,800	6,150												
Chloroform	6	14,100	287	710												
cis-1,2-Dichloroethene	70	~	~	~												
Ethylbenzene	700	580,000	50,000	50,000												
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m+p Xylenes	530	~	21,300	50,000												
n-Butylbenzene	~	~	~	~												
n-Propylbenzene	~	~	~	~												
Naphthalene	280	~	~	~												
o-Xylene	530	~	21,300	50,000												
sec-Butylbenzene	~	~	~	~												
tert-Butylbenzene	~	~	~	~												
Tetrachloroethylene (PCE)	5	88	1,500	3,820												
Tetrahydrofuran																
Toluene	1,000	4,000,000	23,500	50,000												
trans-1,2-Dichloroethene	100	~	~	~												
Trichloroethylene (TCE)	5	2,340	219	540												
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Method 8270 (µg/l)																
1, 4-Dichlorobenzene	75															
2-Methyl Naphthalene	49	~	~	~												
Benzo[a]anthracene	0.06	0.3	~	~												
Benzo[a]pyrene	0.2	0.3	~	~												
Benzo[b]fluoranthene	0.08	0.3	~	~												
Benzo[k]fluoranthene	0.5	0.3	~	~												
Dibenz[a,h]anthracene	~	~	~	~												
Indeno[1,2,3-cd]pyrene	~	~	~	~												
Naphthalene	280	~	~	~												
Phenanthrene	200	0.3	~	~												
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	500	~	~	~										**530**		

Notes:
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Table 17
Groundwater Analytical
Results Summary Table
Background Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-22 R	MW-22 R	MW-22 R	MW-22R	MW-23 OB	MW-23 OB	MW-23 OB	MW-23OB	MW-23 R	MW-23 R	MW-23 R	MW-23R
Sample Date:					5/11/2012	8/29/2012	11/13/2012	3/4/2013	5/9/2012	8/29/2012	11/12/2012	3/4/2013	5/10/2012	8/29/2012	11/13/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050307	12080697	12110253	13030053	12050225	12080697	12110231	13030053	12050273	12080697	12110253	13030053
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background	Background
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Pesticides																
Method 8081B (µg/l)																
Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	50	4	~	~												
Cadmium	5	6	~	~												
Iron	~	~	~	~				160						220	170	140
Lead	15	13	~	~												
Manganese	~	~	~	~		280		55	74				750	630	640	370
Mercury	2	0.4	~	~												
Nickel	100	880	~	~												
Potassium	~	~	~	~	5,800	3,900	3,400	2,200	4,600	6,200	6,900	4,400	2,300	1,700	1,600	1,500
Selenium	50	50	~	~												
Sodium	~	~	~	~	27,000	18,000	16,000	7,900	3,500	6,000	5,800	4,400	15,000	25,000	24,000	32,000
Zinc	5,000	123	~	~												
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Arsenic	NA	NA	NA	NA												
Cadmium	NA	NA	NA	NA												
Copper	NA	NA	NA	NA												
Iron	NA	NA	NA	NA							210			140		
Lead	NA	NA	NA	NA												
Manganese	NA	NA	NA	NA		220	58	29	70				690	540	660	320
Mercury	NA	NA	NA	NA									1.4			
Nickel	NA	NA	NA	NA												
Zinc	NA	NA	NA	NA												
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	99,000	95,000	79,000	25,000	20,000	34,000	21,000	11,000	70,000	80,000	83,000	77,000
Ammonia as N	~	~	~	~	330		120									
Biochemical Oxygen Demand, 5 Day	~	~	~	~												
Chloride	~	~	~	~	4,400	10,000	6,700	4,600	4,500	8,300	6,600	9,000	11,000	8,600	9,200	8,200
Hardness	~	~	~	~	63,000	79,000	64,000	35,000	23,000	28,000	24,000	24,000	50,000	34,000	32,000	27,000
Nitrate as N	~	~	~	~	440	1,300	650	1,800	2,100	1,300	1,800	1,900				
Sulfate	~	~	~	~	20,000	17,000	14,000	15,000	8,800	14,000	16,000	9,600	14,000	8,200	9,100	11,000
Total Dissolved Solids	~	~	~	~	130,000	140,000	200,000	92,000	110,000	74,000	14,000	24,000	110,000	110,000	180,000	54,000
Total Suspended Solids	~	~	~	~		6,000	5,000						12,000	5,000		

Notes:
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R: Bedrock Monitoring Well
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Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-1 OB	MW-1A OB	MW-1 OB	MW-1A OB	MW-1 OB	MW-1A OB	MW-1 OB	MW-1 R	MW-1 R	MW-1 R	MW-1 R	MW-2 OB	MW-2 OB	MW-2 OB	MW-2 OB
Sample Date:					5/8/2012	5/8/2012	8/30/2012	8/30/2012	11/6/2012	11/6/2012	3/1/2013	5/8/2012	8/30/2012	11/6/2012	3/1/2013	5/15/2012	8/31/2012	11/6/2012	3/1/2013
Quarter:					Quarter 1	Quarter 1	Quarter 2	Quarter 2	Quarter 3	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050186	12050186	12080721	12080721	1210126	1210126	13030024	12050186	12080721	1210126	13030024	12050360	12080741	1210126	13030024
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Duplicate of MW-1 OB	Site	Duplicate of MW-1 OB	Site	Duplicate of MW-1 OB	Site	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																			
Method 8260 (µg/l)																			
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000															
1,1-Dichloroethane	70	~	34,600	50,000															
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6															
1,2,4-Trimethylbenzene	~	~	~	~	40	41	37	40	54	57	47								
1,2-Dichlorobenzene	600	170,000	30,500	50,000														1.3	
1,2-Dichloroethane	1	2,970	21	90															
1,2-Dichloropropane	5	~	14	60															
1,3,5-Trimethylbenzene	~	~	~	~	14	15	11	12	24	25	20							1.5	
1,4-Dichlorobenzene	75	26,000	50,000	50,000	21	21		22	20	21	30								
4-Isopropyltoluene	~	~	~	~	2.1	2.3			4.1	4.2	4.7								
Benzene	1	710	215	530	**44**	**44**	**38**	**39**	**38**	**38**	**39**								
Bromodichloromethane	~	~	~	~															
Chlorobenzene	100	420,000	1,800	6,150	13	13	11	12	12	12	16								
Chloroform	6	14,100	287	710															
cis-1,2-Dichloroethene	70	~	~	~												1.2			1.4
Ethylbenzene	700	580,000	50,000	50,000	78	79	57	60	64	65	44								
Isopropylbenzene	~	~	~	~	4.3	4.5	3.7	3.8	4.3	4.4	4.1								
m+p Xylenes	530	~	21,300	50,000	86	85	78	80	93	93	57								
n-Butylbenzene	~	~	~	~		1.7													
n-Propylbenzene	~	~	~	~	4.8	4.9	3.2	3.5	4.4	4.6	4.8								
Naphthalene	280	~	~	~	66	83	73	86	84	89	67								
o-Xylene	530	~	21,300	50,000	25	25	18	18	24	24	18								
sec-Butylbenzene	~	~	~	~	1.1	1.2	1.1	1.0	1.4	1.4	1.7							1.3	
tert-Butylbenzene	~	~	~	~														1.1	
Tetrachloroethylene (PCE)	5	88	1,500	3,820															
Tetrahydrofuran											5.1								
Toluene	1,000	4,000,000	23,500	50,000	11	11	12	13	14	14	19								
trans-1,2-Dichloroethene	100	~	~	~															
Trichloroethylene (TCE)	5	2,340	219	540															
Vinyl Chloride	2	15,750	2	2															
Semi-Volatile Organic Compounds (SVOCs)																			
Method 8270 (µg/l)																			
1, 4-Dichlorobenzene	75								10	8									
2-Methyl Naphthalene	49	~	~	~	1.4	1.4	1.2	1.3	2.4	1.6	1.9								
Benzo[a]anthracene	0.06	0.3	~	~															
Benzo[a]pyrene	0.2	0.3	~	~															
Benzo[b]fluoranthene	0.08	0.3	~	~															
Benzo[k]fluoranthene	0.5	0.3	~	~															
Dibenz[a,h]anthracene	~	~	~	~															
Indeno[1,2,3-cd]pyrene	~	~	~	~															
Naphthalene	280	~	~	~	19	19	19	22	28	21	25								
Phenanthrene	200	0.3	~	~															
Extractable Total Petroleum Hydrocarbons (ETPH)																			
CTETPH Method (µg/l)	500	~	~	~	**1,300**	**1,600**	**1,600**	**2,200**	**2,300**	**2,900**	**2,400**				190	240	130	260	200

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-1 OB	MW-1A OB	MW-1 OB	MW-1A OB	MW-1 OB	MW-1A OB	MW-1 OB	MW-1 R	MW-1 R	MW-1 R	MW-1 R	MW-2 OB	MW-2 OB	MW-2 OB	MW-2 OB
Sample Date:					5/8/2012	5/8/2012	8/30/2012	8/30/2012	11/6/2012	11/6/2012	3/1/2013	5/8/2012	8/30/2012	11/6/2012	3/1/2013	5/15/2012	8/31/2012	11/6/2012	3/1/2013
Quarter:					Quarter 1	Quarter 1	Quarter 2	Quarter 2	Quarter 3	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050186	12050186	12080721	12080721	1210126	1210126	13030024	12050186	12080721	1210126	13030024	12050360	12080741	1210126	13030024
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Duplicate of MW-1 OB	Site	Duplicate of MW-1 OB	Site	Duplicate of MW-1 OB	Site	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																			
Method 8082 (µg/l)																			
Chlorinated Pesticides																			
Method 8081B (µg/l)																			
Chlorinated Herbicides																			
Method 8151A (µg/l)																			
Total Priority Pollutant Metals plus K & Na																			
Method 200.7 (µg/l)																			
Arsenic	50	4	~	~	12	11	14	14	10	13	20						4.3		
Cadmium	5	6	~	~															
Iron	~	~	~	~	9,800	10,000	8,300	8,600	14,000	14,000	7,400	4,800	6,700	3,600	3,100	15,000	14,000	17,000	16,000
Lead	15	13	~	~															
Manganese	~	~	~	~	210	210	160	160	190	190	170	22,000	21,000	18,000	18,000	2,300	2,100	2,700	2,300
Mercury	2	0.4	~	~															
Nickel	100	880	~	~															
Potassium	~	~	~	~	83,000	88,000	120,000	120,000	100,000	100,000	130,000	7,800	9,500	8,400	8,700	24,000	24,000	27,000	29,000
Selenium	50	50	~	~															
Sodium	~	~	~	~	8,800,000	9,000,000	3,000,000	2,100,000	7,200,000	7,200,000	8,900,000	1,000,000	920,000	740,000	890,000	63,000	67,000	82,000	70,000
Zinc	5,000	123	~	~				20											
Dissolved Priority Pollutant Metals																			
Method 200.8 (µg/l)																			
Arsenic	NA	NA	NA	NA	8.7	11													
Cadmium	NA	NA	NA	NA															
Copper	NA	NA	NA	NA															
Iron	NA	NA	NA	NA	150		110				2,200	1,600	1,600	1,200	2,100		220	2,700	1,400
Lead	NA	NA	NA	NA															
Manganese	NA	NA	NA	NA	190	180	200	130	170	180	150	27,000	23,000	19,000	19,000	2,200	1,800	2,300	2,300
Mercury	NA	NA	NA	NA															
Nickel	NA	NA	NA	NA															
Zinc	NA	NA	NA	NA										25					
General Chemistry (µg/l)																			
Alkalinity, Tot(CaCO3)	~	~	~	~	870,000	820,000	880,000	790,000	990,000	960,000	960,000	210,000	210,000	200,000	200,000	620,000	520,000	620,000	590,000
Ammonia as N	~	~	~	~	13,000	13,000	8,900	9,800	15,000	15,000	48,000	220		180	560	850	410	1,100	2,700
Biochemical Oxygen Demand, 5 Day	~	~	~	~	720,000	660,000		3,000				75,000				56,000	5,700	9,100	
Chloride	~	~	~	~	14,000,000	14,000,000	15,000,000	14,000,000	12,000,000	12,000,000	13,000,000	1,730,000	1,900,000	1,600,000	1,500,000	100,000	100,000	200,000	88,000
Hardness	~	~	~	~	580,000	610,000	580,000	580,000	510,000	510,000	570,000	540,000	510,000	440,000	420,000	590,000	520,000	620,000	470,000
Nitrate as N	~	~	~	~															
Sulfate	~	~	~	~	12,000	13,000	46,000					27,000	29,000	28,000	28,000	33,000	16,000	7,700	27,000
Total Dissolved Solids	~	~	~	~	100,000	120,000	23,000,000	22,000,000	20,000,000	19,000,000	21,000,000	110,000	3,700,000	2,900,000	2,800,000	700,000	710,000	960,000	660,000
Total Suspended Solids	~	~	~	~	71,000	81,000	38,000	45,000	81,000	62,000	67,000	21,000	46,000	17,000	12,000	44,000	45,000	51,000	110,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
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GWPC: Ground Water Protection Criteria
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-2 R	MW-2 R	MW-2 R	MW-2R	MW-3 OB	MW-3 OB	MW-3 OB	MW-3OB	MW-3 R	MW-3 R	MW-3 R	MW-3R	MW-6 0B	MW-6 OB	MW-6 OB	MW-6OB
Sample Date:					5/15/2012	8/31/2012	11/6/2012	3/1/2013	5/10/2012	8/29/2012	11/9/2012	2/27/2013	5/10/2012	8/29/2012	11/9/2012	2/27/2013	5/8/2012	8/30/2012	11/7/2012	3/1/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050360	12080741	1210126	13030024	12050273	12080697	12110209	13020452	12050273	12080697	12110209	13020452	12050186	12080721	12110155	13030024
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																				
Method 8260 (µg/l)																				
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000																
1,1-Dichloroethane	70	~	34,600	50,000																
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6																
1,2,4-Trimethylbenzene	~	~	~	~																
1,2-Dichlorobenzene	600	170,000	30,500	50,000																
1,2-Dichloroethane	1	2,970	21	90																
1,2-Dichloropropane	5	~	14	60																
1,3,5-Trimethylbenzene	~	~	~	~																
1,4-Dichlorobenzene	75	26,000	50,000	50,000																
4-Isopropyltoluene	~	~	~	~																
Benzene	1	710	215	530																
Bromodichloromethane	~	~	~	~																
Chlorobenzene	100	420,000	1,800	6,150					3.1	3.4	3.7	2.9								
Chloroform	6	14,100	287	710																
cis-1,2-Dichloroethene	70	~	~	~	4.7	4.5	3.9	4.5												
Ethylbenzene	700	580,000	50,000	50,000																
Isopropylbenzene	~	~	~	~																
m+p Xylenes	530	~	21,300	50,000																
n-Butylbenzene	~	~	~	~																
n-Propylbenzene	~	~	~	~																
Naphthalene	280	~	~	~																
o-Xylene	530	~	21,300	50,000																
sec-Butylbenzene	~	~	~	~																
tert-Butylbenzene	~	~	~	~																
Tetrachloroethylene (PCE)	5	88	1,500	3,820																
Tetrahydrofuran																				
Toluene	1,000	4,000,000	23,500	50,000																
trans-1,2-Dichloroethene	100	~	~	~																
Trichloroethylene (TCE)	5	2,340	219	540	1.5	1.0	1.3	1.6												
Vinyl Chloride	2	15,750	2	2				2												
Semi-Volatile Organic Compounds (SVOCs)																				
Method 8270 (µg/l)																				
1, 4-Dichlorobenzene	75																			
2-Methyl Naphthalene	49	~	~	~																
Benzo[a]anthracene	0.06	0.3	~	~															**0.35**	
Benzo[a]pyrene	0.2	0.3	~	~															**0.29**	
Benzo[b]fluoranthene	0.08	0.3	~	~															**0.43**	
Benzo[k]fluoranthene	0.5	0.3	~	~															0.46	
Dibenz[a,h]anthracene	~	~	~	~															0.76	
Indeno[1,2,3-cd]pyrene	~	~	~	~															0.73	
Naphthalene	280	~	~	~																
Phenanthrene	200	0.3	~	~																
Extractable Total Petroleum Hydrocarbons (ETPH)																				
CTETPH Method (µg/l)	500	~	~	~				140			**20,000**							270	**640**	400

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-2 R	MW-2 R	MW-2 R	MW-2R	MW-3 OB	MW-3 OB	MW-3 OB	MW-3OB	MW-3 R	MW-3 R	MW-3 R	MW-3R	MW-6 0B	MW-6 OB	MW-6 OB	MW-6OB
Sample Date:					5/15/2012	8/31/2012	11/6/2012	3/1/2013	5/10/2012	8/29/2012	11/9/2012	2/27/2013	5/10/2012	8/29/2012	11/9/2012	2/27/2013	5/8/2012	8/30/2012	11/7/2012	3/1/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050360	12080741	1210126	13030024	12050273	12080697	12110209	13020452	12050273	12080697	12110209	13020452	12050186	12080721	12110155	13030024
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																				
Method 8082 (µg/l)																				
Chlorinated Pesticides																				
Method 8081B (µg/l)																				
Chlorinated Herbicides																				
Method 8151A (µg/l)																				
Total Priority Pollutant Metals plus K & Na																				
Method 200.7 (µg/l)																				
Arsenic	50	4	~	~																
Cadmium	5	6	~	~																
Iron	~	~	~	~	8,700	10,000	11,000	9,700	8,000	15,000	9,400	22,000	4,400	5,900	3,700	4,000	33,000	51,000	56,000	41,000
Lead	15	13	~	~								14								
Manganese	~	~	~	~	2,300	2,200	2,100	2,600	170	340	190	470	5,300	6,100	4,900	5,900	990	1,600	2,200	1,300
Mercury	2	0.4	~	~																
Nickel	100	880	~	~																
Potassium	~	~	~	~	15,000	15,000	14,000	20,000	8,200	14,000	11,000	17,000	3,000	3,100	3,800	2,800	84,000	120,000	190,000	95,000
Selenium	50	50	~	~																
Sodium	~	~	~	~	51,000	55,000	50,000	66,000	140,000	170,000	140,000	400,000	89,000	78,000	73,000	69,000	69,000	94,000	71,000	90,000
Zinc	5,000	123	~	~								35								
Dissolved Priority Pollutant Metals																				
Method 200.8 (µg/l)																				
Arsenic	NA	NA	NA	NA																
Cadmium	NA	NA	NA	NA																
Copper	NA	NA	NA	NA																
Iron	NA	NA	NA	NA	870	2,700	3,700	590	4,800	4,400	7,400	410	2,800	3,800	2,000	3,000	6,500	720	11,000	8,900
Lead	NA	NA	NA	NA																
Manganese	NA	NA	NA	NA	2,000	1,800	1,900	2,600	150	260	170	310	5,700	5,300	4,900	5,500	1,000	1,300	1,900	1,300
Mercury	NA	NA	NA	NA																
Nickel	NA	NA	NA	NA																
Zinc	NA	NA	NA	NA																
General Chemistry (µg/l)																				
Alkalinity, Tot(CaCO3)	~	~	~	~	305,000	310,000	290,000	360,000	130,000	203,000	140,000	180,000	65,000	80,000	72,000	78,000	610,000	810,000	970,000	1,300,000
Ammonia as N	~	~	~	~	600	180	400	1,400	270	450	650	1,300			130	200	3,000	2,800	5,000	12,000
Biochemical Oxygen Demand, 5 Day	~	~	~	~	48,000		7,000				9,500						72,000	21,000	13,000	17,000
Chloride	~	~	~	~	81,000	76,000	67,000	78,000	220,000	240,000	290,000	730,000	230,000	200,000	240,000	190,000	100,000	140,000	120,000	110,000
Hardness	~	~	~	~	290,000	290,000	240,000	300,000	94,000	140,000	130,000	260,000	160,000	170,000	150,000	150,000	450,000	660,000	690,000	510,000
Nitrate as N	~	~	~	~																
Sulfate	~	~	~	~	19,000	13,000	12,000	23,000	1,000		2,700	2,700	12,000	7,600	8,300	7,300				
Total Dissolved Solids	~	~	~	~	400,000	480,000	380,000	460,000	100,000	610,000	560,000	1,400,000	110,000	560,000	480,000	400,000	110,000	1,500,000	1,300,000	960,000
Total Suspended Solids	~	~	~	~	24,000	22,000	89,000	51,000				61,000	14,000		9,000		78,000	120,000	160,000	100,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
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OB: Soil Overburden Monitoring Well
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-6 R	MW-6 R	MW-6 R	MW-6R	MW-9 OB	MW-9 OB	MW-9 OB	MW-9 OB	MW-9 R	MW-9 R	MW-9 R	MW-9R	MW-10 R	MW-10 R	MW-10 R	MW-10R
Sample Date:					5/7/2012	8/30/2012	11/7/2012	3/1/2013	5/14/2012	8/31/2012	11/7/2012	2/27/2013	5/15/2012	8/31/2012	11/7/2012	3/1/2013	5/11/2012	8/29/2012	11/9/2012	2/28/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050178	12080721	12110155	13030024	12050332				12050360	12080741	12110155	13030024	12050307	12080697	12110209	13020486
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	No Sample Insufficient Water in Well	No Sample Insufficient Water in Well	No Sample Insufficient Water in Well	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																				
Method 8260 (µg/l)																				
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000																
1,1-Dichloroethane	70	~	34,600	50,000																
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6																
1,2,4-Trimethylbenzene	~	~	~	~																
1,2-Dichlorobenzene	600	170,000	30,500	50,000																
1,2-Dichloroethane	1	2,970	21	90																
1,2-Dichloropropane	5	~	14	60																
1,3,5-Trimethylbenzene	~	~	~	~																
1,4-Dichlorobenzene	75	26,000	50,000	50,000																
4-Isopropyltoluene	~	~	~	~																
Benzene	1	710	215	530																
Bromodichloromethane	~	~	~	~																
Chlorobenzene	100	420,000	1,800	6,150	2	1.2	1.7	1.1												
Chloroform	6	14,100	287	710																
cis-1,2-Dichloroethene	70	~	~	~																
Ethylbenzene	700	580,000	50,000	50,000																
Isopropylbenzene	~	~	~	~																
m+p Xylenes	530	~	21,300	50,000																
n-Butylbenzene	~	~	~	~																
n-Propylbenzene	~	~	~	~																
Naphthalene	280	~	~	~												1.3				
o-Xylene	530	~	21,300	50,000																
sec-Butylbenzene	~	~	~	~																
tert-Butylbenzene	~	~	~	~																
Tetrachloroethylene (PCE)	5	88	1,500	3,820																
Tetrahydrofuran																				
Toluene	1,000	4,000,000	23,500	50,000																
trans-1,2-Dichloroethene	100	~	~	~																
Trichloroethylene (TCE)	5	2,340	219	540																
Vinyl Chloride	2	15,750	2	2																
Semi-Volatile Organic Compounds (SVOCs)																				
Method 8270 (µg/l)																				
1, 4-Dichlorobenzene	75																			
2-Methyl Naphthalene	49	~	~	~																
Benzo[a]anthracene	0.06	0.3	~	~			**0.13**													
Benzo[a]pyrene	0.2	0.3	~	~																
Benzo[b]fluoranthene	0.08	0.3	~	~			**0.11**													
Benzo[k]fluoranthene	0.5	0.3	~	~																
Dibenz[a,h]anthracene	~	~	~	~																
Indeno[1,2,3-cd]pyrene	~	~	~	~																
Naphthalene	280	~	~	~																
Phenanthrene	200	0.3	~	~																
Extractable Total Petroleum Hydrocarbons (ETPH)																				
CTETPH Method (µg/l)	500	~	~	~				250					350			360				**630**

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-6 R	MW-6 R	MW-6 R	MW-6R	MW-9 OB	MW-9 OB	MW-9 OB	MW-9 OB	MW-9 R	MW-9 R	MW-9 R	MW-9R	MW-10 R	MW-10 R	MW-10 R	MW-10R
Sample Date:					5/7/2012	8/30/2012	11/7/2012	3/1/2013	5/14/2012	8/31/2012	11/7/2012	2/27/2013	5/15/2012	8/31/2012	11/7/2012	3/1/2013	5/11/2012	8/29/2012	11/9/2012	2/28/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050178	12080721	12110155	13030024	12050332				12050360	12080741	12110155	13030024	12050307	12080697	12110209	13020486
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																				
Method 8082 (µg/l)																				
Chlorinated Pesticides																				
Method 8081B (µg/l)																				
Chlorinated Herbicides																				
Method 8151A (µg/l)																				
Total Priority Pollutant Metals plus K & Na																				
Method 200.7 (µg/l)																				
Arsenic	50	4	~	~																
Cadmium	5	6	~	~																
Iron	~	~	~	~	13,000	16,000	13,000	12,000	7,200					420	280	970	140	150		
Lead	15	13	~	~					**20**											
Manganese	~	~	~	~	5,200	5,000	5,000	4,800	130				46	42	95	460	970	1,500	1,300	760
Mercury	2	0.4	~	~										0.58						
Nickel	100	880	~	~																
Potassium	~	~	~	~	16,000	16,000	15,000	17,000	4,600				9,300	9,200	9,600	9,500	11,000	15,000	13,000	9,000
Selenium	50	50	~	~																
Sodium	~	~	~	~	470,000	410,000	440,000	480,000	27,000				40,000	42,000	40,000	44,000	450,000	550,000	450,000	390,000
Zinc	5,000	123	~	~																
Dissolved Priority Pollutant Metals																				
Method 200.8 (µg/l)																				
Arsenic	NA	NA	NA	NA																
Cadmium	NA	NA	NA	NA																
Copper	NA	NA	NA	NA																
Iron	NA	NA	NA	NA	100	510	3,100	1,200	5,500							210				
Lead	NA	NA	NA	NA					17											
Manganese	NA	NA	NA	NA	5,200	5,200	4,700	4,700	130				210		95	410	860	1,300	1,100	750
Mercury	NA	NA	NA	NA																
Nickel	NA	NA	NA	NA																
Zinc	NA	NA	NA	NA																
General Chemistry (µg/l)																				
Alkalinity, Tot(CaCO3)	~	~	~	~	380,000	330,000	420,000	370,000	105,000				83,000	100,000	140,000	180,000	110,000	78,000	820,000	83,000
Ammonia as N	~	~	~	~	1,500	1,200	2,600	5,600	190							140			160	260
Biochemical Oxygen Demand, 5 Day	~	~	~	~	48,000				36,000				16,000			8,100	5,300			
Chloride	~	~	~	~	960,000	890,000	930,000	810,000	38,000				71,000	70,000	67,000	58,000	820,000	1,230,000	1,000,000	670,000
Hardness	~	~	~	~	510,000	530,000	510,000	470,000	88,000				91,000	120,000	130,000	160,000	270,000	390,000	290,000	140,000
Nitrate as N	~	~	~	~														140		1,800
Sulfate	~	~	~	~	6,900	6,800	6,300	6,500	3,100				19,000	19,000	17,000	12,000	27,000	31,000	34,000	31,000
Total Dissolved Solids	~	~	~	~	160,000	2,300,000	1,700,000	1,700,000	210,000				230,000	300,000	280,000	110,000	1,500,000	2,100,000	1,800,000	1,300,000
Total Suspended Solids	~	~	~	~	45,000	42,000	33,000	26,000	10,000				28,000	13,000	14,000	17,000	8,000	6,000		7,000

Notes:
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3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
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7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-11OB	MW-11 OB	MW-11 OB	MW-11OB	MW-11 R	MW-11 R	MW-11 R	MW-11R	MW-12 OB	MW-12 OB	MW-12 OB	MW-12 OB	MW-12 R	MW-12 R
Sample Date:						8/31/2012	11/7/2012	2/28/2013	5/10/2012	8/29/2012	11/9/2012	2/28/2013	5/9/2012	9/5/2012	11/19/2012	2/27/2013	5/9/2012	9/5/2012
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:								13020486	12050273	12080697	12110209	13020486	12050225	12090046	12110416	13020452	12050225	12090046
					No Sample	**No Sample**	**No Sample**											
					Insufficient	Insufficient	Insufficient											
Analysis/ Analytes **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Water in Well	Water in Well	Water in Well	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																		
Method 8260 (µg/l)																		
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000														
1,1-Dichloroethane	70	~	34,600	50,000														
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6														
1,2,4-Trimethylbenzene	~	~	~	~														
1,2-Dichlorobenzene	600	170,000	30,500	50,000														
1,2-Dichloroethane	1	2,970	21	90														
1,2-Dichloropropane	5	~	14	60														
1,3,5-Trimethylbenzene	~	~	~	~														
1,4-Dichlorobenzene	75	26,000	50,000	50,000				1.9										
4-Isopropyltoluene	~	~	~	~														
Benzene	1	710	215	530														
Bromodichloromethane	~	~	~	~														
Chlorobenzene	100	420,000	1,800	6,150														
Chloroform	6	14,100	287	710														
cis-1,2-Dichloroethene	70	~	~	~														
Ethylbenzene	700	580,000	50,000	50,000														
Isopropylbenzene	~	~	~	~														
m+p Xylenes	530	~	21,300	50,000														
n-Butylbenzene	~	~	~	~														
n-Propylbenzene	~	~	~	~														
Naphthalene	280	~	~	~														
o-Xylene	530	~	21,300	50,000														
sec-Butylbenzene	~	~	~	~														
tert-Butylbenzene	~	~	~	~														
Tetrachloroethylene (PCE)	5	88	1,500	3,820														
Tetrahydrofuran																		
Toluene	1,000	4,000,000	23,500	50,000													3.2	
trans-1,2-Dichloroethene	100	~	~	~														
Trichloroethylene (TCE)	5	2,340	219	540														
Vinyl Chloride	2	15,750	2	2														
Semi-Volatile Organic Compounds (SVOCs)																		
Method 8270 (µg/l)																		
1, 4-Dichlorobenzene	75																	
2-Methyl Naphthalene	49	~	~	~														
Benzo[a]anthracene	0.06	0.3	~	~														
Benzo[a]pyrene	0.2	0.3	~	~														
Benzo[b]fluoranthene	0.08	0.3	~	~														
Benzo[k]fluoranthene	0.5	0.3	~	~														
Dibenz[a,h]anthracene	~	~	~	~														
Indeno[1,2,3-cd]pyrene	~	~	~	~														
Naphthalene	280	~	~	~														
Phenanthrene	200	0.3	~	~														
Extractable Total Petroleum Hydrocarbons (ETPH)																		
CTETPH Method (µg/l)	500	~	~	~														

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
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4. For water samples underlined values exceed the RSR SWPC for the parameter.
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-11OB	MW-11 OB	MW-11 OB	MW-11OB	MW-11 R	MW-11 R	MW-11 R	MW-11R	MW-12 OB	MW-12 OB	MW-12 OB	MW-12 OB	MW-12 R	MW-12 R
Sample Date:						8/31/2012	11/7/2012	2/28/2013	5/10/2012	8/29/2012	11/9/2012	2/28/2013	5/9/2012	9/5/2012	11/19/2012	2/27/2013	5/9/2012	9/5/2012
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:								13020486	12050273	12080697	12110209	13020486	12050225	12090046	12110416	13020452	12050225	12090046
					No Sample	**No Sample**	**No Sample**											
					Insufficient	Insufficient	Insufficient											
Analysis/ Analytes **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Water in Well	Water in Well	Water in Well	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																		
Method 8082 (µg/l)																		
Chlorinated Pesticides																		
Method 8081B (µg/l)																		
Chlorinated Herbicides																		
Method 8151A (µg/l)																		
Total Priority Pollutant Metals plus K & Na																		
Method 200.7 (µg/l)																		
Arsenic	50	4	~	~														
Cadmium	5	6	~	~														
Iron	~	~	~	~				20,000	340	190		530	15,000	17,000	17,000	19,000	5,300	440
Lead	15	13	~	~													**52**	
Manganese	~	~	~	~				1,600	270	150	120	830	1,600	1,600	1,400	2,000	300	230
Mercury	2	0.4	~	~														
Nickel	100	880	~	~														
Potassium	~	~	~	~				7,100	2,300	2,100	2,700	3,400		3,000	2,600	2,200	2,700	3,500
Selenium	50	50	~	~														
Sodium	~	~	~	~				300,000	94,000	63,000	92,000	200,000	24,000	34,000	27,000	23,000	34,000	26,000
Zinc	5,000	123	~	~														
Dissolved Priority Pollutant Metals																		
Method 200.8 (µg/l)																		
Arsenic	NA	NA	NA	NA							5.2							
Cadmium	NA	NA	NA	NA														
Copper	NA	NA	NA	NA														
Iron	NA	NA	NA	NA				16,000				320	10,000	9,700	6,200	7,700	490	
Lead	NA	NA	NA	NA														
Manganese	NA	NA	NA	NA				1,400	250	130	120	720	1,800	1,200	1,300	1,900	250	190
Mercury	NA	NA	NA	NA														
Nickel	NA	NA	NA	NA														
Zinc	NA	NA	NA	NA														
General Chemistry (µg/l)																		
Alkalinity, Tot(CaCO3)	~	~	~	~				480,000	55,000	30,000	33,000	52,000	55,000	45,000	92,000	50,000	50,000	52,000
Ammonia as N	~	~	~	~				6,000				280			200	200		
Biochemical Oxygen Demand, 5 Day	~	~	~	~									12,000					
Chloride	~	~	~	~				440,000	140,000	98,000	160,000	340,000	49,000	44,000	45,000	53,000	51,000	50,000
Hardness	~	~	~	~				130,000	41,000	34,000	45,000	82,000	54,000	54,000	50,000	58,000	59,000	63,000
Nitrate as N	~	~	~	~					200	970	970							
Sulfate	~	~	~	~				7,200	12,000	13,000	13,000	15,000	9,300	4,100	1,900	6,300	16,000	12,000
Total Dissolved Solids	~	~	~	~				1,200,000	110,000	220,000	290,000	690,000	140,000	140,000	160,000	140,000	120,000	140,000
Total Suspended Solids	~	~	~	~				19,000				6,000	6,000	6,000	9,000	13,000	48,000	10,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
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3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	**CT RSR Criteria**				MW-12 R	MW-12 R	MW-13 OB	MW-13 OB	MW-13 OB	MW-13OB	MW-13 R	MW-13 R	MW-13 R	MW-13R	MW-14 OB	MW-14 OB
Sample Date:					11/19/2012	2/27/2013	5/11/2012	8/31/2012	11/6/2012	3/4/2013	5/14/2012	8/31/2012	11/6/2012	3/4/2013	5/7/2012	8/30/2012
Quarter:					Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:					12110416	13020452	12050307			13030053	12050332	12080741	1210126	13030053	12050178	12080721
Analysis/ Analytes **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000												
1,1-Dichloroethane	70	~	34,600	50,000												
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6												
1,2,4-Trimethylbenzene	~	~	~	~											1.1	2.3
1,2-Dichlorobenzene	600	170,000	30,500	50,000												
1,2-Dichloroethane	1	2,970	21	90												
1,2-Dichloropropane	5	~	14	60												
1,3,5-Trimethylbenzene	~	~	~	~												1.3
1,4-Dichlorobenzene	75	26,000	50,000	50,000												
4-Isopropyltoluene	~	~	~	~												
Benzene	1	710	215	530												
Bromodichloromethane	~	~	~	~												
Chlorobenzene	100	420,000	1,800	6,150												
Chloroform	6	14,100	287	710												
cis-1,2-Dichloroethene	70	~	~	~												
Ethylbenzene	700	580,000	50,000	50,000												
Isopropylbenzene	~	~	~	~												
m+p Xylenes	530	~	21,300	50,000												
n-Butylbenzene	~	~	~	~												
n-Propylbenzene	~	~	~	~												
Naphthalene	280	~	~	~												7.3
o-Xylene	530	~	21,300	50,000												
sec-Butylbenzene	~	~	~	~												
tert-Butylbenzene	~	~	~	~												
Tetrachloroethylene (PCE)	5	88	1,500	3,820												
Tetrahydrofuran																
Toluene	1,000	4,000,000	23,500	50,000												
trans-1,2-Dichloroethene	100	~	~	~												
Trichloroethylene (TCE)	5	2,340	219	540												
Vinyl Chloride	2	15,750	2	2												
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
1, 4-Dichlorobenzene	75															
2-Methyl Naphthalene	49	~	~	~												
Benzo[a]anthracene	0.06	0.3	~	~												
Benzo[a]pyrene	0.2	0.3	~	~												
Benzo[b]fluoranthene	0.08	0.3	~	~												
Benzo[k]fluoranthene	0.5	0.3	~	~												
Dibenz[a,h]anthracene	~	~	~	~												
Indeno[1,2,3-cd]pyrene	~	~	~	~												
Naphthalene	280	~	~	~												
Phenanthrene	200	0.3	~	~												
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	500	~	~	~												

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-12 R	MW-12 R	MW-13 OB	MW-13 OB	MW-13 OB	MW-13OB	MW-13 R	MW-13 R	MW-13 R	MW-13R	MW-14 OB	MW-14 OB
Sample Date:					11/19/2012	2/27/2013	5/11/2012	8/31/2012	11/6/2012	3/4/2013	5/14/2012	8/31/2012	11/6/2012	3/4/2013	5/7/2012	8/30/2012
Quarter:					Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:					12110416	13020452	12050307			13030053	12050332	12080741	1210126	13030053	12050178	12080721
								No Sample Insufficient Water in Well	**No Sample** Insufficient Water in Well							
Analysis/ Analytes **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site			Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Chlorinated Pesticides																
Method 8081B (µg/l)																
Chlorinated Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	50	4	~	~												
Cadmium	5	6	~	~												
Iron	~	~	~	~	390	110	510			260	380	400	1,800	230	12,000	8,500
Lead	15	13	~	~			**19**								**330**	
Manganese	~	~	~	~	270	320	50				650	300	280	550	220	160
Mercury	2	0.4	~	~												
Nickel	100	880	~	~												
Potassium	~	~	~	~	3,900	3,300	3,600			4,100	5,100	4,700	5,800	5,200	100,000	100,000
Selenium	50	50	~	~												
Sodium	~	~	~	~	29,000	28,000	23,000			24,000	76,000	69,000	73,000	63,000	160,000	110,000
Zinc	5,000	123	~	~			62			260					410	
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Arsenic	NA	NA	NA	NA												
Cadmium	NA	NA	NA	NA												
Copper	NA	NA	NA	NA												
Iron	NA	NA	NA	NA												
Lead	NA	NA	NA	NA												
Manganese	NA	NA	NA	NA	220	260	55 B				550	230	200	540	150	130
Mercury	NA	NA	NA	NA												
Nickel	NA	NA	NA	NA												
Zinc	NA	NA	NA	NA			55			260						
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	46,000	47,000	85,000			130,000	46,000	44,000	49,000	51,000	950,000	920,000
Ammonia as N	~	~	~	~											4,100	4,400
Biochemical Oxygen Demand, 5 Day	~	~	~	~							7,000				72,000	4,000
Chloride	~	~	~	~	51,000	49,000	35,000			38,000	140,000	120,000	110,000	96,000	190,000	200,000
Hardness	~	~	~	~	68,000	53,000	84,000			140,000	78,000	60,000	60,000	60,000	630,000	660,000
Nitrate as N	~	~	~	~			200			1,600	150	110	180	110		
Sulfate	~	~	~	~	11,000	8,600	12,000			30,000	19,000	21,000	23,000	22,000		
Total Dissolved Solids	~	~	~	~	150,000	140,000	250,000			200,000	310,000	210,000	520,000	210,000	100,000	1,500,000
Total Suspended Solids	~	~	~	~	6,000		5,000				14,000	9,000	170,000	10,000	44,000	18,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-14A OB	MW-14 OB	MW-14A OB	MW-14 OB	MW-14 R	MW-14 R	MW-14 R	MW-14 R	MW-15 OB	MW-15 OB	MW-15 OB	MW-15OB
Sample Date:					8/30/2012	11/9/2012	11/9/2012	2/27/2013	5/7/2012	8/30/2012	11/9/2012	2/27/2013		8/31/2012	11/7/2012	2/27/2013
Quarter:					Quarter 2	Quarter 3	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12080721	12110209	12110209		12050178	12080721	12110209					13020452
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Duplicate of MW-14 OB	Site	Duplicate of MW-14 OB	**No Sample** Well Covered	Site	Site	Site	**No Sample** Well Covered	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Downgradient
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000												
1,1-Dichloroethane	70	~	34,600	50,000												
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6												
1,2,4-Trimethylbenzene	~	~	~	~	2.1	1.6	1.6									
1,2-Dichlorobenzene	600	170,000	30,500	50,000												
1,2-Dichloroethane	1	2,970	21	90												
1,2-Dichloropropane	5	~	14	60												
1,3,5-Trimethylbenzene	~	~	~	~	1.1											
1,4-Dichlorobenzene	75	26,000	50,000	50,000												
4-Isopropyltoluene	~	~	~	~												
Benzene	1	710	215	530												
Bromodichloromethane	~	~	~	~												
Chlorobenzene	100	420,000	1,800	6,150					2.6	3.5	3.2					
Chloroform	6	14,100	287	710												
cis-1,2-Dichloroethene	70	~	~	~												
Ethylbenzene	700	580,000	50,000	50,000												
Isopropylbenzene	~	~	~	~												
m+p Xylenes	530	~	21,300	50,000												
n-Butylbenzene	~	~	~	~												
n-Propylbenzene	~	~	~	~												
Naphthalene	280	~	~	~												
o-Xylene	530	~	21,300	50,000												
sec-Butylbenzene	~	~	~	~												
tert-Butylbenzene	~	~	~	~												
Tetrachloroethylene (PCE)	5	88	1,500	3,820												
Tetrahydrofuran																
Toluene	1,000	4,000,000	23,500	50,000					1.2							
trans-1,2-Dichloroethene	100	~	~	~												
Trichloroethylene (TCE)	5	2,340	219	540												
Vinyl Chloride	2	15,750	2	2												
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
1, 4-Dichlorobenzene	75															
2-Methyl Naphthalene	49	~	~	~												
Benzo[a]anthracene	0.06	0.3	~	~												
Benzo[a]pyrene	0.2	0.3	~	~												
Benzo[b]fluoranthene	0.08	0.3	~	~												
Benzo[k]fluoranthene	0.5	0.3	~	~												
Dibenz[a,h]anthracene	~	~	~	~												
Indeno[1,2,3-cd]pyrene	~	~	~	~												
Naphthalene	280	~	~	~												
Phenanthrene	200	0.3	~	~												
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	500	~	~	~						180						

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-14A OB	MW-14 OB	MW-14A OB	MW-14 OB	MW-14 R	MW-14 R	MW-14 R	MW-14 R	MW-15 OB	MW-15 OB	MW-15 OB	MW-15OB
Sample Date:					8/30/2012	11/9/2012	11/9/2012	2/27/2013	5/7/2012	8/30/2012	11/9/2012	2/27/2013		8/31/2012	11/7/2012	2/27/2013
Quarter:					Quarter 2	Quarter 3	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12080721	12110209	12110209		12050178	12080721	12110209					13020452
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Duplicate of MW-14 OB	Site	Duplicate of MW-14 OB	**No Sample** Well Covered	Site	Site	Site	**No Sample** Well Covered	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	**No Sample** Insufficient Water in Well	Downgradient
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Chlorinated Pesticides																
Method 8081B (µg/l)																
Chlorinated Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	50	4	~	~						4.8	4.9					
Cadmium	5	6	~	~												
Iron	~	~	~	~	8,200	8,000	7,800		41,000	36,000	32,000					
Lead	15	13	~	~		**79**	**78**									
Manganese	~	~	~	~	150	160	160		4,000	3,100	3,000					
Mercury	2	0.4	~	~												
Nickel	100	880	~	~												
Potassium	~	~	~	~	100,000	100,000	100,000		18,000	17,000	18,000					14,000
Selenium	50	50	~	~												
Sodium	~	~	~	~	130,000	160,000	160,000		490,000	390,000	410,000					25,000
Zinc	5,000	123	~	~		57	42									
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Arsenic	NA	NA	NA	NA			5.0									
Cadmium	NA	NA	NA	NA												
Copper	NA	NA	NA	NA												
Iron	NA	NA	NA	NA					4,900	14,000	6,300					
Lead	NA	NA	NA	NA												
Manganese	NA	NA	NA	NA	130	180	130		3,700	2,800	2,600					
Mercury	NA	NA	NA	NA												
Nickel	NA	NA	NA	NA												
Zinc	NA	NA	NA	NA		22										
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	920,000	1,000,000	1,000,000		630,000	380,000	420,000					130,000
Ammonia as N	~	~	~	~	5,600	24,000	22,000		2,900	2,600	11,000					
Biochemical Oxygen Demand, 5 Day	~	~	~	~	4,000				54,000	12,000	14,000					
Chloride	~	~	~	~	200,000	200,000	200,000		910,000	700,000	620,000					37,000
Hardness	~	~	~	~	640,000	650,000	640,000		280,000	240,000	220,000					150,000
Nitrate as N	~	~	~	~												7,200
Sulfate	~	~	~	~					3,500	3,800	7,200					33,000
Total Dissolved Solids	~	~	~	~	1,300,000	1,200,000	1,200,000		140,000	1,400,000	1,300,000					240,000
Total Suspended Solids	~	~	~	~		41,000	38,000		86,000	67,000	73,000					

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
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OB: Soil Overburden Monitoring Well
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-15 R	MW-15 R	MW-15 R	MW-15R	MW-16 OB	MW-16 OB	MW-16 OB	MW-16OB	MW-16 R	MW-16 R	MW-16 R	MW-16R
Sample Date:					5/8/2012	9/5/2012	11/12/2012	2/27/2013	5/14/2012	8/29/2012	11/13/2012	2/28/2013	5/15/2012	8/29/2012	11/13/2012	3/1/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050186	12090046	12110231	13020452	12050332	12080697	12110253	13020486	12050360	12080697	12110253	13030024
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000												
1,1-Dichloroethane	70	~	34,600	50,000												
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6												
1,2,4-Trimethylbenzene	~	~	~	~												
1,2-Dichlorobenzene	600	170,000	30,500	50,000												
1,2-Dichloroethane	1	2,970	21	90												
1,2-Dichloropropane	5	~	14	60												
1,3,5-Trimethylbenzene	~	~	~	~												
1,4-Dichlorobenzene	75	26,000	50,000	50,000												
4-Isopropyltoluene	~	~	~	~												
Benzene	1	710	215	530												
Bromodichloromethane	~	~	~	~	1.9											
Chlorobenzene	100	420,000	1,800	6,150												
Chloroform	6	14,100	287	710	**11**											
cis-1,2-Dichloroethene	70	~	~	~												
Ethylbenzene	700	580,000	50,000	50,000												
Isopropylbenzene	~	~	~	~												
m+p Xylenes	530	~	21,300	50,000												
n-Butylbenzene	~	~	~	~												
n-Propylbenzene	~	~	~	~												
Naphthalene	280	~	~	~												
o-Xylene	530	~	21,300	50,000												
sec-Butylbenzene	~	~	~	~												
tert-Butylbenzene	~	~	~	~												
Tetrachloroethylene (PCE)	5	88	1,500	3,820												
Tetrahydrofuran																
Toluene	1,000	4,000,000	23,500	50,000												
trans-1,2-Dichloroethene	100	~	~	~												
Trichloroethylene (TCE)	5	2,340	219	540												
Vinyl Chloride	2	15,750	2	2												
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
1, 4-Dichlorobenzene	75															
2-Methyl Naphthalene	49	~	~	~												
Benzo[a]anthracene	0.06	0.3	~	~												
Benzo[a]pyrene	0.2	0.3	~	~												
Benzo[b]fluoranthene	0.08	0.3	~	~												
Benzo[k]fluoranthene	0.5	0.3	~	~												
Dibenz[a,h]anthracene	~	~	~	~												
Indeno[1,2,3-cd]pyrene	~	~	~	~												
Naphthalene	280	~	~	~												
Phenanthrene	200	0.3	~	~												
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	500	~	~	~												

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
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Legend:
OB: Soil Overburden Monitoring Well
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-15 R	MW-15 R	MW-15 R	MW-15R	MW-16 OB	MW-16 OB	MW-16 OB	MW-16OB	MW-16 R	MW-16 R	MW-16 R	MW-16R
Sample Date:					5/8/2012	9/5/2012	11/12/2012	2/27/2013	5/14/2012	8/29/2012	11/13/2012	2/28/2013	5/15/2012	8/29/2012	11/13/2012	3/1/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050186	12090046	12110231	13020452	12050332	12080697	12110253	13020486	12050360	12080697	12110253	13030024
Analysis/ Analytes / **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Chlorinated Pesticides																
Method 8081B (µg/l)																
Chlorinated Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	50	4	~	~												
Cadmium	5	6	~	~					**8.7**	**6.8**	**150**	**8.7**				
Iron	~	~	~	~	860	680		210	190	1,600			3,900	3,200	3,400	3,200
Lead	15	13	~	~												
Manganese	~	~	~	~	230	270	150	90	110	550	1,700		20,000	19,000	18,000	19,000
Mercury	2	0.4	~	~												
Nickel	100	880	~	~		52					**150**		**100**	91	85	85
Potassium	~	~	~	~	7,100	8,100	7,300	8,300	15,000	14,000	43,000	13,000	7,100	6,600	6,600	7,200
Selenium	50	50	~	~									11	11	11	
Sodium	~	~	~	~	32,000	46,000	44,000	40,000	620,000	570,000	2,500,000	490,000	350,000	360,000	310,000	350,000
Zinc	5,000	123	~	~		69			130	110	1,100	210	24	24		
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Arsenic	NA	NA	NA	NA												
Cadmium	NA	NA	NA	NA					6.6	6.3	130	7.2			8	
Copper	NA	NA	NA	NA												
Iron	NA	NA	NA	NA									1,100	1,400	2,300	3,000
Lead	NA	NA	NA	NA												
Manganese	NA	NA	NA	NA	460	190	130	75	97	550	1,500		25,000	20,000	21,000	21,000
Mercury	NA	NA	NA	NA	0.69											
Nickel	NA	NA	NA	NA							120		95	82	87	88
Zinc	NA	NA	NA	NA		70			110	99	910	200	21		48	
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	210,000	150,000	130,000	160,000	340,000	423,000	230,000	380,000	48,000	60,000	47,000	50,000
Ammonia as N	~	~	~	~							230	140			100	190
Biochemical Oxygen Demand, 5 Day	~	~	~	~	12,000				63,000				60,000			
Chloride	~	~	~	~	55,000	63,000	73,000	50,000	1,010,000	800,000	6,100,000	680,000	970,000	980,000	880,000	870,000
Hardness	~	~	~	~	210,000	180,000	160,000	170,000	380,000	350,000	1,400,000	330,000	460,000	41,000	410,000	380,000
Nitrate as N	~	~	~	~	3,000	3,300	3,600	8,100	1,000			1,300				
Sulfate	~	~	~	~	32,000	30,000	30,000	31,000	120,000	76,000	110,000	77,000	23,000	24,000	27,000	27,000
Total Dissolved Solids	~	~	~	~	120,000	290,000	190,000	280,000	2,000,000	1,800,000	12,000,000	1,600,000	1,600,000	2,000,000	2,000,000	1,500,000
Total Suspended Solids	~	~	~	~		11,000	5,000	9,000	50,000	300,000	15,000	7,000	28,000			

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-17 OB	MW-17A OB	MW-17 OB	MW-17 OB	MW-17OB	MW-17 R	MW-17 R	MW-17 R	MW-17R	MW-18 OB	MW-18 OB	MW-18 OB	MW-18OB	MW-18AOB
Sample Date:					5/14/2012	5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/14/2012	8/30/2012	11/13/2012	2/28/2013	2/28/2013
Quarter:					Quarter 1	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 4
Lab Report:					12050332	12050332	12080721	12110253	13020486	12050332	12080721	12110253	13020486	12050332	12080721	12110253	13020486	13020486
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Duplicate of MW-17A OB	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Duplicate of MW-18AOB
Volatile Organic Compounds (VOCs)																		
Method 8260 (µg/l)																		
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000														
1,1-Dichloroethane	70	~	34,600	50,000														
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6														
1,2,4-Trimethylbenzene	~	~	~	~										10	3.5	3.4	4.2	3.5
1,2-Dichlorobenzene	600	170,000	30,500	50,000										3.3	2.7	2.6	3.1	2.8
1,2-Dichloroethane	1	2,970	21	90								**1**						
1,2-Dichloropropane	5	~	14	60														
1,3,5-Trimethylbenzene	~	~	~	~										3.3	1.1	1.4	2.3	2
1,4-Dichlorobenzene	75	26,000	50,000	50,000			1.9							2.4	1.8	1.9	2.7	2.4
4-Isopropyltoluene	~	~	~	~										4.1		1.8	3.3	2.9
Benzene	1	710	215	530			**2**							**1.1**	**1.1**	**1**		
Bromodichloromethane	~	~	~	~														
Chlorobenzene	100	420,000	1,800	6,150	3	2.8	17							5.8	2.4	4.1	5	4.4
Chloroform	6	14,100	287	710														
cis-1,2-Dichloroethene	70	~	~	~						15	15	26	31					
Ethylbenzene	700	580,000	50,000	50,000										6.2	2.4			
Isopropylbenzene	~	~	~	~										43	37	30	33	29
m+p Xylenes	530	~	21,300	50,000										8.7	3.1	3.2	2.9	2.4
n-Butylbenzene	~	~	~	~														
n-Propylbenzene	~	~	~	~										35	27	22	27	23
Naphthalene	280	~	~	~														
o-Xylene	530	~	21,300	50,000														
sec-Butylbenzene	~	~	~	~										5.1	3.7	4.5	7.5	6.5
tert-Butylbenzene	~	~	~	~														
Tetrachloroethylene (PCE)	5	88	1,500	3,820														
Tetrahydrofuran																		
Toluene	1,000	4,000,000	23,500	50,000														
trans-1,2-Dichloroethene	100	~	~	~														
Trichloroethylene (TCE)	5	2,340	219	540						**12**	4.2	**15**	**9.9**					
Vinyl Chloride	2	15,750	2	2									***14***					
Semi-Volatile Organic Compounds (SVOCs)																		
Method 8270 (µg/l)																		
1, 4-Dichlorobenzene	75																	
2-Methyl Naphthalene	49	~	~	~										6	3.9	6.6	5.6	6.9
Benzo[a]anthracene	0.06	0.3	~	~														
Benzo[a]pyrene	0.2	0.3	~	~														
Benzo[b]fluoranthene	0.08	0.3	~	~														
Benzo[k]fluoranthene	0.5	0.3	~	~														
Dibenz[a,h]anthracene	~	~	~	~														
Indeno[1,2,3-cd]pyrene	~	~	~	~														
Naphthalene	280	~	~	~														
Phenanthrene	200	0.3	~	~										0.15				
Extractable Total Petroleum Hydrocarbons (ETPH)																		
CTETPH Method (µg/l)	500	~	~	~	330	400	200		230	250				430	230	200	290	350

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-17 OB	MW-17A OB	MW-17 OB	MW-17 OB	MW-17OB	MW-17 R	MW-17 R	MW-17 R	MW-17R	MW-18 OB	MW-18 OB	MW-18 OB	MW-18OB	MW-18AOB
Sample Date:					5/14/2012	5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/14/2012	8/30/2012	11/13/2012	2/28/2013	2/28/2013
Quarter:					Quarter 1	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 4
Lab Report:					12050332	12050332	12080721	12110253	13020486	12050332	12080721	12110253	13020486	12050332	12080721	12110253	13020486	13020486
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Duplicate of MW-17A OB	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Site	Duplicate of MW-18AOB
Polychlorinated Biphenyls (PCBs)																		
Method 8082 (µg/l)																		
Chlorinated Pesticides																		
Method 8081B (µg/l)																		
Chlorinated Herbicides																		
Method 8151A (µg/l)																		
Total Priority Pollutant Metals plus K & Na																		
Method 200.7 (µg/l)																		
Arsenic	50	4	~	~				5.3										
Cadmium	5	6	~	~														
Iron	~	~	~	~	17,000	17,000	40,000	9,300	1,800	160	1,200	960	600	28,000	31,000	29,000	27,000	27,000
Lead	15	13	~	~														
Manganese	~	~	~	~	1,000	1,000	1,100	500	860	1,100	1,000	920	940	2,900	2,800	2,700	2,500	2,500
Mercury	2	0.4	~	~														
Nickel	100	880	~	~	65	64		98	**160**									
Potassium	~	~	~	~	100,000	100,000	93,000	110,000	53,000	20,000	17,000	13,000	10,000	29,000	29,000	28,000	30,000	30,000
Selenium	50	50	~	~														
Sodium	~	~	~	~	84,000	85,000	150,000	110,000	120,000	220,000	170,000	150,000	120,000	51,000	54,000	47,000	59,000	58,000
Zinc	5,000	123	~	~	69	78		66	190									
Dissolved Priority Pollutant Metals																		
Method 200.8 (µg/l)																		
Arsenic	NA	NA	NA	NA				4.3										
Cadmium	NA	NA	NA	NA														
Copper	NA	NA	NA	NA														
Iron	NA	NA	NA	NA	590	1,100			630				140	3,600	1,500		570	330
Lead	NA	NA	NA	NA														
Manganese	NA	NA	NA	NA	950	890	810	450	760	1,000	890	860	820	2,600	2,500	2,800	2,400	2,400
Mercury	NA	NA	NA	NA														
Nickel	NA	NA	NA	NA	65	62		84	140									
Zinc	NA	NA	NA	NA	62	58		64	200									
General Chemistry (µg/l)																		
Alkalinity, Tot(CaCO3)	~	~	~	~	880,000	880,000	850,000	840,000	710,000	240,000	220,000	220,000	220,000	450,000	130,000	430,000	430,000	440,000
Ammonia as N	~	~	~	~	1,900	2,000	3,400	2,900	3,400	750	260	1,000	900	2,900	2,000	7,500	7,400	7,400
Biochemical Oxygen Demand, 5 Day	~	~	~	~	120,000	120,000	20,000			30,000				41,000	8,000	12,000	7,000	7,000
Chloride	~	~	~	~	130,000	140,000	240,000	180,000	180,000	390,000	360,000	320,000	250,000	87,000	92,000	87,000	78,000	80,000
Hardness	~	~	~	~	780,000	780,000	730,000	680,000	560,000	280,000	300,000	290,000	290,000	370,000	390,000	350,000	300,000	300,000
Nitrate as N	~	~	~	~	120				100									
Sulfate	~	~	~	~	20,000	19,000		20,000	7,100	29,000	27,000	25,000	23,000	12,000	2,000		1,500	1,900
Total Dissolved Solids	~	~	~	~	1,200,000	1,200,000	1,500,000	1,200,000	1,000,000	920,000	810,000	740,000	680,000	550,000	640,000	570,000	560,000	590,000
Total Suspended Solids	~	~	~	~	55,000	55,000	100,000	26,000	14,000	7,000	10,000	7,000	5,000	77,000	68,000	58,000	57,000	61,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-18 R	MW-18 R	MW-18 R	MW-18R	MW-19 R	MW-19 R	MW-19 R	MW-19R
Sample Date:					5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/9/2012	9/5/2012	11/12/2012	2/27/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050332	12080721	12110253	13020486	12050225	12090046	12110231	13020452
Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site
Volatile Organic Compounds (VOCs)												
Method 8260 (µg/l)												
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000					4.2	45	2.6	1.7
1,1-Dichloroethane	70	~	34,600	50,000	6.5	7.2	6.3	4				
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6	3.6	5.4	5.3	3.7	1	***10***		
1,2,4-Trimethylbenzene	~	~	~	~								
1,2-Dichlorobenzene	600	170,000	30,500	50,000								
1,2-Dichloroethane	1	2,970	21	90			**9**	**7.7**				
1,2-Dichloropropane	5	~	14	60			4.1	3.1				
1,3,5-Trimethylbenzene	~	~	~	~								
1,4-Dichlorobenzene	75	26,000	50,000	50,000								
4-Isopropyltoluene	~	~	~	~								
Benzene	1	710	215	530	**2.5**	**2.3**	**1.6**					
Bromodichloromethane	~	~	~	~								
Chlorobenzene	100	420,000	1,800	6,150								
Chloroform	6	14,100	287	710								
cis-1,2-Dichloroethene	70	~	~	~	**220**	**320**	**230**	**120**		3.8		
Ethylbenzene	700	580,000	50,000	50,000								
Isopropylbenzene	~	~	~	~								
m+p Xylenes	530	~	21,300	50,000								
n-Butylbenzene	~	~	~	~								
n-Propylbenzene	~	~	~	~								
Naphthalene	280	~	~	~								
o-Xylene	530	~	21,300	50,000								
sec-Butylbenzene	~	~	~	~								
tert-Butylbenzene	~	~	~	~								
Tetrachloroethylene (PCE)	5	88	1,500	3,820	**12**	**12**	**14**	**16**				
Tetrahydrofuran												
Toluene	1,000	4,000,000	23,500	50,000								
trans-1,2-Dichloroethene	100	~	~	~		1.1						
Trichloroethylene (TCE)	5	2,340	219	540	**160**	**100**	**120**	**170**	**23**	**190**	**14**	**11**
Vinyl Chloride	2	15,750	2	2	***110***	***170***	***120***	***73***				
Semi-Volatile Organic Compounds (SVOCs)												
Method 8270 (µg/l)												
1, 4-Dichlorobenzene	75											
2-Methyl Naphthalene	49	~	~	~								
Benzo[a]anthracene	0.06	0.3	~	~								
Benzo[a]pyrene	0.2	0.3	~	~								
Benzo[b]fluoranthene	0.08	0.3	~	~								
Benzo[k]fluoranthene	0.5	0.3	~	~								
Dibenz[a,h]anthracene	~	~	~	~								
Indeno[1,2,3-cd]pyrene	~	~	~	~								
Naphthalene	280	~	~	~								
Phenanthrene	200	0.3	~	~								
Extractable Total Petroleum Hydrocarbons (ETPH)												
CTETPH Method (µg/l)	500	~	~	~	140							

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
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Table 18
Groundwater Analytical
Results Summary Table
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-18 R	MW-18 R	MW-18 R	MW-18R	MW-19 R	MW-19 R	MW-19 R	MW-19R
Sample Date:					5/14/2012	8/30/2012	11/13/2012	2/28/2013	5/9/2012	9/5/2012	11/12/2012	2/27/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050332	12080721	12110253	13020486	12050225	12090046	12110231	13020452
Analysis/ Analytes **Notes:**	GWPC	SWPC	Res. V/C	I/C V/C	Site	Site	Site	Site	Site	Site	Site	Site
Polychlorinated Biphenyls (PCBs)												
Method 8082 (µg/l)												
Chlorinated Pesticides												
Method 8081B (µg/l)												
Chlorinated Herbicides												
Method 8151A (µg/l)												
Total Priority Pollutant Metals plus K & Na												
Method 200.7 (µg/l)												
Arsenic	50	4	~	~								
Cadmium	5	6	~	~								
Iron	~	~	~	~		290	400	230	410			
Lead	15	13	~	~								
Manganese	~	~	~	~	200	210	240	180	550	600	510	580
Mercury	2	0.4	~	~								
Nickel	100	880	~	~								
Potassium	~	~	~	~	11,000	11,000	7,900	9,300	9,800	11,000	11,000	10,000
Selenium	50	50	~	~								
Sodium	~	~	~	~	44,000	41,000	34,000	38,000	47,000	51,000	55,000	52,000
Zinc	5,000	123	~	~						29		
Dissolved Priority Pollutant Metals												
Method 200.8 (µg/l)												
Arsenic	NA	NA	NA	NA								
Cadmium	NA	NA	NA	NA								
Copper	NA	NA	NA	NA							42	
Iron	NA	NA	NA	NA								
Lead	NA	NA	NA	NA								
Manganese	NA	NA	NA	NA	210	170	200	160	530	460	420	500
Mercury	NA	NA	NA	NA								
Nickel	NA	NA	NA	NA								
Zinc	NA	NA	NA	NA						28		
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	~	~	~	~	150,000	450,000	200,000	190,000	230,000	20,000	260,000	260,000
Ammonia as N	~	~	~	~				150				
Biochemical Oxygen Demand, 5 Day	~	~	~	~	13,000				15,000			
Chloride	~	~	~	~	100,000	100,000	110,000	94,000	79,000	70,000	77,000	67,000
Hardness	~	~	~	~	250,000	290,000	310,000	270,000	240,000	300,000	270,000	250,000
Nitrate as N	~	~	~	~				1,300	1,800	2,500	3,200	4,000
Sulfate	~	~	~	~	76,000	80,000	71,000	64,000	48,000	59,000	56,000	53,000
Total Dissolved Solids	~	~	~	~	460,000	540,000	510,000	510,000	110,000	450,000	370,000	390,000
Total Suspended Solids	~	~	~	~	13,000		6,000		18,000			

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
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Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-4 OB	MW-4 OB	MW-4 OB	MW-4OB	MW-4 R	MW-4 R	MW-4 R	MW-4R	MW-24 OB	MW-24 OB	MW-24 OB	MW-24OB	MW-24 R	MW-24 R
Sample Date:					5/9/2012	9/4/2012	11/12/2012	2/28/2013	5/9/2012	9/4/2012	11/12/2012	2/28/2013	5/10/2012	9/4/2012	11/9/2012	3/1/2013	5/10/2012	9/4/2012
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:					12050225	12090027	12110231	13020486	12050225	12090027	12110231	13020486	12050273	12090027	12110209	13030024	12050273	12090027
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Volatile Organic Compounds (VOCs)																		
Method 8260 (µg/l)																		
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000														
1,1-Dichloroethane	70	~	34,600	50,000														
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6														
1,2,4-Trimethylbenzene	~	~	~	~														
1,2-Dichlorobenzene	600	170,000	30,500	50,000														
1,2-Dichloroethane	1	2,970	21	90														
1,2-Dichloropropane	5	~	14	60														
1,3,5-Trimethylbenzene	~	~	~	~														
1,4-Dichlorobenzene	75	26,000	50,000	50,000														
4-Isopropyltoluene	~	~	~	~														
Benzene	1	710	215	530														
Bromodichloromethane	~	~	~	~													0.56	
Chlorobenzene	100	420,000	1,800	6,150														
Chloroform	6	14,100	287	710													3.9	
cis-1,2-Dichloroethene	70	~	~	~														
Ethylbenzene	700	580,000	50,000	50,000														
Isopropylbenzene	~	~	~	~														
m+p Xylenes	530	~	21,300	50,000														
n-Butylbenzene	~	~	~	~														
n-Propylbenzene	~	~	~	~														
Naphthalene	280	~	~	~												8.3		
o-Xylene	530	~	21,300	50,000														
sec-Butylbenzene	~	~	~	~														
tert-Butylbenzene	~	~	~	~														
Tetrachloroethylene (PCE)	5	88	1,500	3,820														
Tetrahydrofuran																		
Toluene	1,000	4,000,000	23,500	50,000														
trans-1,2-Dichloroethene	100	~	~	~														
Trichloroethylene (TCE)	5	2,340	219	540														
Vinyl Chloride	2	15,750	2	2														
Semi-Volatile Organic Compounds (SVOCs)																		
Method 8270 (µg/l)																		
1, 4-Dichlorobenzene	75																	
2-Methyl Naphthalene	49	~	~	~														
Benzo[a]anthracene	0.06	0.3	~	~														
Benzo[a]pyrene	0.2	0.3	~	~														
Benzo[b]fluoranthene	0.08	0.3	~	~									**0.12**					
Benzo[k]fluoranthene	0.5	0.3	~	~														
Dibenz[a,h]anthracene	~	~	~	~														
Indeno[1,2,3-cd]pyrene	~	~	~	~														
Naphthalene	280	~	~	~														
Phenanthrene	200	0.3	~	~														
Extractable Total Petroleum Hydrocarbons (ETPH)																		
CTETPH Method (µg/l)	500	~	~	~														

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
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Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-4 OB	MW-4 OB	MW-4 OB	MW-4OB	MW-4 R	MW-4 R	MW-4 R	MW-4R	MW-24 OB	MW-24 OB	MW-24 OB	MW-24OB	MW-24 R	MW-24 R
Sample Date:					5/9/2012	9/4/2012	11/12/2012	2/28/2013	5/9/2012	9/4/2012	11/12/2012	2/28/2013	5/10/2012	9/4/2012	11/9/2012	3/1/2013	5/10/2012	9/4/2012
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2
Lab Report:					12050225	12090027	12110231	13020486	12050225	12090027	12110231	13020486	12050273	12090027	12110209	13030024	12050273	12090027
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Polychlorinated Biphenyls (PCBs)																		
Method 8082 (µg/l)																		
Chlorinated Pesticides																		
Method 8081B (µg/l)																		
Chlorinated Herbicides																		
Method 8151A (µg/l)																		
Total Priority Pollutant Metals plus K & Na																		
Method 200.7 (µg/l)																		
Arsenic	50	4	~	~											4.8			
Cadmium	5	6	~	~														
Iron	~	~	~	~	200	1,500			210	160				150			150	
Lead	15	13	~	~														
Manganese	~	~	~	~		130			57	22			190	340	390	110	82	82
Mercury	2	0.4	~	~														
Nickel	100	880	~	~														
Potassium	~	~	~	~		5,600	4,500	4,100	1,400	3,500	3,300	3,800		2,700	3,000	1,000	11,000	9,000
Selenium	50	50	~	~														
Sodium	~	~	~	~	24,000	310,000	120,000	200,000	130,000	160,000	150,000	150,000	17,000	19,000	35,000	10,000	100,000	120,000
Zinc	5,000	123	~	~														
Dissolved Priority Pollutant Metals																		
Method 200.8 (µg/l)																		
Arsenic	NA	NA	NA	NA														
Cadmium	NA	NA	NA	NA														
Copper	NA	NA	NA	NA														
Iron	NA	NA	NA	NA		490												
Lead	NA	NA	NA	NA														
Manganese	NA	NA	NA	NA		96			54				180	240	370	100	69	64
Mercury	NA	NA	NA	NA													0.4	
Nickel	NA	NA	NA	NA														
Zinc	NA	NA	NA	NA						21				23				
General Chemistry (µg/l)																		
Alkalinity, Tot(CaCO3)	~	~	~	~	42,000	93,000	160,000	87,000	46,000	42,000	48,000	38,000	75,000	180,000			140,000	150,000
Ammonia as N	~	~	~	~														
Biochemical Oxygen Demand, 5 Day	~	~	~	~					16,000									
Chloride	~	~	~	~	13,000	505,000	140,000	310,000	220,000	270,000	250,000	220,000	45,000	97,000	130,000	16,000	480,000	590,000
Hardness	~	~	~	~	33,000	120,000	110,000	110,000	55,000	57,000	50,000	55,000	22,000	100,000	83,000	14,000	620,000	700,000
Nitrate as N	~	~	~	~	960	770	1,200	1,000	1,300	1,100	1,200	2,900				110	1,300	1,500
Sulfate	~	~	~	~	3,100	44,000	26,000	28,000	21,000	27,000	30,000	21,000	9,800	8,700	6,600	16,000	41,000	45,000
Total Dissolved Solids	~	~	~	~	120,000	880,000	350,000	670,000	110,000	450,000	380,000	490,000	130,000	240,000	300,000	42,000	100,000	2,100,000
Total Suspended Solids	~	~	~	~				6,000	5,000			6,000			5,000		6,000	

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-24 R	MW-24R	MW-25 OB	MW-25 OB	MW-25 OB	MW-25OB	MW-25AOB	MW-25 R	MW-25 R	MW-25 R	MW-25R	MW-26 OB	MW-26 OB	MW-26 OB	MW-26OB
Sample Date:					11/7/2012	3/1/2013	5/11/2012	9/5/2012	11/12/2012	3/4/2013	3/4/2013	5/11/2012	9/5/2012	11/12/2012	3/4/2013	5/9/2012	8/31/2012	11/9/2012	2/27/2013
Quarter:					Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12110155	13030024	12050307	12090046	12110231	13030053	13030053	12050307	12090046	12110231	13030053	12050225	12080741	12110209	13020452
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Duplicate of MW-25OB Off site	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Volatile Organic Compounds (VOCs)																			
Method 8260 (µg/l)																			
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000															
1,1-Dichloroethane	70	~	34,600	50,000															
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6															
1,2,4-Trimethylbenzene	~	~	~	~															
1,2-Dichlorobenzene	600	170,000	30,500	50,000															
1,2-Dichloroethane	1	2,970	21	90															
1,2-Dichloropropane	5	~	14	60															
1,3,5-Trimethylbenzene	~	~	~	~															
1,4-Dichlorobenzene	75	26,000	50,000	50,000															
4-Isopropyltoluene	~	~	~	~															
Benzene	1	710	215	530															
Bromodichloromethane	~	~	~	~															
Chlorobenzene	100	420,000	1,800	6,150															
Chloroform	6	14,100	287	710															
cis-1,2-Dichloroethene	70	~	~	~															
Ethylbenzene	700	580,000	50,000	50,000															
Isopropylbenzene	~	~	~	~															
m+p Xylenes	530	~	21,300	50,000															
n-Butylbenzene	~	~	~	~															
n-Propylbenzene	~	~	~	~															
Naphthalene	280	~	~	~															
o-Xylene	530	~	21,300	50,000															
sec-Butylbenzene	~	~	~	~															
tert-Butylbenzene	~	~	~	~															
Tetrachloroethylene (PCE)	5	88	1,500	3,820															
Tetrahydrofuran																			
Toluene	1,000	4,000,000	23,500	50,000															
trans-1,2-Dichloroethene	100	~	~	~															
Trichloroethylene (TCE)	5	2,340	219	540			1.3	2.1	1.4	1.5	1.6	2.9	1.5	3.3	1.9				
Vinyl Chloride	2	15,750	2	2															
Semi-Volatile Organic Compounds (SVOCs)																			
Method 8270 (µg/l)																			
1, 4-Dichlorobenzene	75																		
2-Methyl Naphthalene	49	~	~	~															
Benzo[a]anthracene	0.06	0.3	~	~	**0.2**														
Benzo[a]pyrene	0.2	0.3	~	~															
Benzo[b]fluoranthene	0.08	0.3	~	~	**0.18**														
Benzo[k]fluoranthene	0.5	0.3	~	~															
Dibenz[a,h]anthracene	~	~	~	~	0.27														
Indeno[1,2,3-cd]pyrene	~	~	~	~	0.27														
Naphthalene	280	~	~	~															
Phenanthrene	200	0.3	~	~															
Extractable Total Petroleum Hydrocarbons (ETPH)																			
CTETPH Method (µg/l)	500	~	~	~		310													

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
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4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
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Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-24 R	MW-24R	MW-25 OB	MW-25 OB	MW-25 OB	MW-25OB	MW-25AOB	MW-25 R	MW-25 R	MW-25 R	MW-25R	MW-26 OB	MW-26 OB	MW-26 OB	MW-26OB
Sample Date:					11/7/2012	3/1/2013	5/11/2012	9/5/2012	11/12/2012	3/4/2013	3/4/2013	5/11/2012	9/5/2012	11/12/2012	3/4/2013	5/9/2012	8/31/2012	11/9/2012	2/27/2013
Quarter:					Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12110155	13030024	12050307	12090046	12110231	13030053	13030053	12050307	12090046	12110231	13030053	12050225	12080741	12110209	13020452
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Duplicate of MW-25OB Off site	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Polychlorinated Biphenyls (PCBs)																			
Method 8082 (µg/l)																			
Chlorinated Pesticides																			
Method 8081B (µg/l)																			
Chlorinated Herbicides																			
Method 8151A (µg/l)																			
Total Priority Pollutant Metals plus K & Na																			
Method 200.7 (µg/l)																			
Arsenic	50	4	~	~															
Cadmium	5	6	~	~															
Iron	~	~	~	~	100			230				680	440	360	300	1,100	490	820	
Lead	15	13	~	~															
Manganese	~	~	~	~	79	59	370	120	320	67	68	87	130	53	41	62	21	41	
Mercury	2	0.4	~	~															
Nickel	100	880	~	~															
Potassium	~	~	~	~	7,500	7,300	3,600	3,800	3,500	2,900	3,000	10,000	11,000	5,900	5,600		2,300	2,100	1,800
Selenium	50	50	~	~															
Sodium	~	~	~	~	110,000	130,000	130,000	130,000	110,000	110,000	110,000	54,000	52,000	47,000	72,000	80,000	89,000	82,000	74,000
Zinc	5,000	123	~	~															
Dissolved Priority Pollutant Metals																			
Method 200.8 (µg/l)																			
Arsenic	NA	NA	NA	NA															
Cadmium	NA	NA	NA	NA															
Copper	NA	NA	NA	NA															
Iron	NA	NA	NA	NA										180		160			200
Lead	NA	NA	NA	NA															
Manganese	NA	NA	NA	NA	120	55	330 B	94	290	53	57	70 B	120	43	38	73	21		
Mercury	NA	NA	NA	NA								0.43	1.1						
Nickel	NA	NA	NA	NA															
Zinc	NA	NA	NA	NA	25		38												
General Chemistry (µg/l)																			
Alkalinity, Tot(CaCO3)	~	~	~	~	130,000	130,000	52,000	55,000	54,000	68,000	78,000	102,000	120,000	92,000	99,000	46,000	44,000	45,000	40,000
Ammonia as N	~	~	~	~															
Biochemical Oxygen Demand, 5 Day	~	~	~	~					26,000										
Chloride	~	~	~	~	570,000	260,000	230,000	250,000	170,000	150,000	150,000	200,000	240,000	190,000	240,000	130,000	140,000	120,000	97,000
Hardness	~	~	~	~	610,000	580,000	110,000	100,000	72,000	67,000	68,000	270,000	280,000	280,000	300,000	56,000	49,000	46,000	49,000
Nitrate as N	~	~	~	~	1,500	1,700	2,500	2,400	2,900	3,600	3,800	320		500	950	4,100	4,700	4,200	3,800
Sulfate	~	~	~	~	44,000	44,000	29,000	34,000	38,000	34,000	34,000	34,000	29,000	36,000	33,000	19,000	24,000	25,000	21,000
Total Dissolved Solids	~	~	~	~	1,500,000	1,300,000	460,000	400,000	280,000	330,000	350,000	550,000	560,000	460,000	670,000	100,000	280,000	290,000	270,000
Total Suspended Solids	~	~	~	~	39,000	7,000		5,000				90,000	10,000	9,000		42,000	30,000	23,000	

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.
8. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Legend:
OB: Soil Overburden Monitoring Well
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Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID: / Sample Date: / Quarter: / Lab Report: / Analysis/ Analytes / Notes:	CT RSR Criteria				MW-26 R	MW-26 R	MW-26 R	MW-26R	MW-27 OB	MW-27 OB	MW-27 OB	MW-27OB	MW-27 R	MW-27 R	MW-27 R	MW-27R
Sample Date:					5/9/2012	8/31/2012	11/12/2012	2/27/2013	5/11/2012	8/31/2012	11/12/2012	3/4/2013	5/11/2012	8/31/2012	11/12/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050225	12080741	12110231	13020452	12050307	12080741	12110231	13030053	12050307	12080741	12110231	13030053
Analysis/ Analytes / Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane (TCA)	200	62,000	20,400	50,000												
1,1-Dichloroethane	70	~	34,600	50,000												
1,1-Dichloroethene (1,1-Dichlorothylene)	7	96	1	6												
1,2,4-Trimethylbenzene	~	~	~	~												
1,2-Dichlorobenzene	600	170,000	30,500	50,000												
1,2-Dichloroethane	1	2,970	21	90												
1,2-Dichloropropane	5	~	14	60												
1,3,5-Trimethylbenzene	~	~	~	~												
1,4-Dichlorobenzene	75	26,000	50,000	50,000												
4-Isopropyltoluene	~	~	~	~												
Benzene	1	710	215	530												
Bromodichloromethane	~	~	~	~												
Chlorobenzene	100	420,000	1,800	6,150												
Chloroform	6	14,100	287	710												
cis-1,2-Dichloroethene	70	~	~	~												
Ethylbenzene	700	580,000	50,000	50,000												
Isopropylbenzene	~	~	~	~												
m+p Xylenes	530	~	21,300	50,000												
n-Butylbenzene	~	~	~	~												
n-Propylbenzene	~	~	~	~												
Naphthalene	280	~	~	~												
o-Xylene	530	~	21,300	50,000												
sec-Butylbenzene	~	~	~	~												
tert-Butylbenzene	~	~	~	~												
Tetrachloroethylene (PCE)	5	88	1,500	3,820												
Tetrahydrofuran																
Toluene	1,000	4,000,000	23,500	50,000												
trans-1,2-Dichloroethene	100	~	~	~												
Trichloroethylene (TCE)	5	2,340	219	540												
Vinyl Chloride	2	15,750	2	2												
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
1, 4-Dichlorobenzene	75															
2-Methyl Naphthalene	49	~	~	~												
Benzo[a]anthracene	0.06	0.3	~	~												
Benzo[a]pyrene	0.2	0.3	~	~												
Benzo[b]fluoranthene	0.08	0.3	~	~												
Benzo[k]fluoranthene	0.5	0.3	~	~												
Dibenz[a,h]anthracene	~	~	~	~												
Indeno[1,2,3-cd]pyrene	~	~	~	~												
Naphthalene	280	~	~	~												
Phenanthrene	200	0.3	~	~												
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	500	~	~	~												

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established .
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
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OB: Soil Overburden Monitoring Well
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Table 19
Groundwater Analytical
Results Summary Table
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				MW-26 R	MW-26 R	MW-26 R	MW-26R	MW-27 OB	MW-27 OB	MW-27 OB	MW-27OB	MW-27 R	MW-27 R	MW-27 R	MW-27R
Sample Date:					5/9/2012	8/31/2012	11/12/2012	2/27/2013	5/11/2012	8/31/2012	11/12/2012	3/4/2013	5/11/2012	8/31/2012	11/12/2012	3/4/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050225	12080741	12110231	13020452	12050307	12080741	12110231	13030053	12050307	12080741	12110231	13030053
Analysis/ Analytes Notes:	GWPC	SWPC	Res. V/C	I/C V/C	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient	Downgradient
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Chlorinated Pesticides																
Method 8081B (µg/l)																
Chlorinated Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	50	4	~	~												
Cadmium	5	6	~	~												
Iron	~	~	~	~					140					700	730	280
Lead	15	13	~	~												
Manganese	~	~	~	~	28	81	50	34	180	170	620	190	480	510	550	610
Mercury	2	0.4	~	~						0.76						
Nickel	100	880	~	~												
Potassium	~	~	~	~	1,300	3,700	3,200	2,900	1,200	1,800	1,700		5,100	5,800	5,000	5,100
Selenium	50	50	~	~												
Sodium	~	~	~	~	60,000	63,000	60,000	60,000	12,000	19,000	21,000	8,200	21,000	21,000	20,000	21,000
Zinc	5,000	123	~	~												
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Arsenic	NA	NA	NA	NA												
Cadmium	NA	NA	NA	NA												
Copper	NA	NA	NA	NA												
Iron	NA	NA	NA	NA											110	
Lead	NA	NA	NA	NA												
Manganese	NA	NA	NA	NA	35	57	51	25	160 B	130	530	170	430	410	470	570
Mercury	NA	NA	NA	NA												
Nickel	NA	NA	NA	NA												
Zinc	NA	NA	NA	NA												
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	66,000	74,000	81,000	63,000	19,000	12,000	8,000	8,500	140,000	140,000	150,000	150,000
Ammonia as N	~	~	~	~												
Biochemical Oxygen Demand, 5 Day	~	~	~	~												
Chloride	~	~	~	~	130,000	110,000	120,000	110,000	14,000	15,000	53,000	6,100	88,000	86,000	94,000	90,000
Hardness	~	~	~	~	120,000	130,000	120,000	110,000	18,000	16,000	36,000	16,000	220,000	230,000	220,000	240,000
Nitrate as N	~	~	~	~	4,100	4,700	4,800	4,900	160	950	540	110				
Sulfate	~	~	~	~	19,000	24,000	25,000	22,000	12,000	17,000	11,000	14,000	21,000	21,000	21,000	21,000
Total Dissolved Solids	~	~	~	~	100,000	320,000	250,000	290,000	66,000	160,000	120,000	62,000	340,000	540,000	240,000	350,000
Total Suspended Solids	~	~	~	~												

Notes:
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Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD01A-20120517	SD01B-20120517	SD02A-20120517	SD02B-20120517	SD03A-20120517	SD03B-20120517	SD04A-20120517
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012
Lab Report:					12050480	12050480	12050480	12050480	12050480	12050480	12050480
Interval:					0-6"	6-12"	0-6"	6-12"	0-6"	6-12"	0-6"
Analysis/ Analytes / Notes:	RES DEC	I/C DEC	TEL	PEL	Unnamed Stream						
Volatile Organic Compounds (VOCs)											
Method 8260 (mg/kg)											
1,4-Dichlorobenzene	26	240	~	~			0.043	0.055			
4-Isopropyltoluene	~	~	~	~							
Chlorobenzene	500	1,000	~	~				0.026			
Toluene	500	1,000	~	~							
Semi-Volatile Organic Compounds (SVOCs)											
Method 8270 (mg/kg)											
Anthracene	1,000	2,500	0.0469	0.245							
Benzo[a]anthracene	1	7.8	0.0317	0.385							
Benzo[a]pyrene	1	1	0.0319	0.782							
Benzo[b]fluoranthene	1	7.8	~	~							
Benzo[g,h,i]perylene	~	~	~	~							
Benzo[k]fluoranthene	8.4	78	~	~							
bis(2-Ethylhexyl)phthalate	44	410	~	~							
Chrysene	~	~	0.0571	0.862							
Fluoranthene	1,000	2,500	0.111	2.355				*1.2*			
Indeno[1,2,3-cd]pyrene	~	~	~	~							
Isophorone	~	~	~	~		0.52	10				
Phenanthrene	1,000	2,500	0.0419	0.515							
Pyrene	1,000	2,500	0.053	0.875							
Extractable Total Petroleum Hydrocarbons (ETPH)											
CTETPH Method (mg/kg Dry Wt)	500	2,500	~	~							
Polychlorinated Biphenyls (PCBs)											
Method 8082 (mg/kg Dry Wt)											
Pesticides											
Method 8081B (mg/kg)											
Herbicides											
Method 8151A (mg/kg)											

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples underlined values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD01A-20120517	SD01B-20120517	SD02A-20120517	SD02B-20120517	SD03A-20120517	SD03B-20120517	SD04A-20120517
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012
Lab Report:					12050480	12050480	12050480	12050480	12050480	12050480	12050480
Interval:					0-6"	6-12"	0-6"	6-12"	0-6"	6-12"	0-6"
Analysis/ Analytes / Notes:	RES DEC	I/C DEC	TEL	PEL	Unnamed Stream						
Total Priority Pollutant Metals											
Method 200.7 (mg/kg Dry Wt)											
Arsenic	10	10	5.9	17	*5.9*	***13***	*8.3*	*8.3*			4.4
Cadmium	34	1,000	0.596	3.53		*[4.4]*	*[14]*	*[12]*	*[11]*	*1.3*	
Chromium	~	~	37.3	90	*43*	*57*	*43*	*46*	*50*	14	25
Copper	2,500	76,000	35.7	197	22	27	*[510]*	*[400]*	*[370]*	25	*79*
Lead	400	1,000	35	91.3	*39*	33	***[410]***	*[260]*	*[230]*	34	*81*
Nickel	1,400	7,500	18	36	15	*20*	*[95]*	*[73]*	*[79]*	14	*18*
Selenium	340	10,000	~	~		3.4					
Zinc	20,000	610,000	123	315	85	100	*[1,300]*	*[1,100]*	*[1,500]*	*230*	*300*
Total Organic Carbon											
Method 9060A (Percent %)	~	~	~	~	2.3	2.3	14	13.7	17.1	5.6	10.8
Total Solids											
Method 160.3 mo (Percent %)	~	~	~	~	66	60	19	26	16	62	33

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples underlined values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD04B-20120517	SD05A-20120517	SD05B-20120517	SD06A-20120517	SD10A-20120517	SD06B-20120517
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012
Lab Report:					12050480	12050480	12050480	12050480	12050480	12050480
Interval:					6-12"	0-6"	6-12"	0-6"	Duplicate of SD06A	6-12"
Analysis/ Analytes / Notes:	RES DEC	I/C DEC	TEL	PEL	Unnamed Stream					Unnamed Stream
Volatile Organic Compounds (VOCs)										
Method 8260 (mg/kg)										
1,4-Dichlorobenzene	26	240	~	~						
4-Isopropyltoluene	~	~	~	~						
Chlorobenzene	500	1,000	~	~		0.011	0.017			
Toluene	500	1,000	~	~						
Semi-Volatile Organic Compounds (SVOCs)										
Method 8270 (mg/kg)										
Anthracene	1,000	2,500	0.0469	0.245						
Benzo[a]anthracene	1	7.8	0.0317	0.385						
Benzo[a]pyrene	1	1	0.0319	0.782						
Benzo[b]fluoranthene	1	7.8	~	~		0.74				
Benzo[g,h,i]perylene	~	~	~	~						
Benzo[k]fluoranthene	8.4	78	~	~						
bis(2-Ethylhexyl)phthalate	44	410	~	~						
Chrysene	~	~	0.0571	0.862						
Fluoranthene	1,000	2,500	0.111	2.355		*1.2*	*0.54*			
Indeno[1,2,3-cd]pyrene	~	~	~	~						
Isophorone	~	~	~	~						
Phenanthrene	1,000	2,500	0.0419	0.515		*[1]*				
Pyrene	1,000	2,500	0.053	0.875		*[0.98]*				
Extractable Total Petroleum Hydrocarbons (ETPH)										
CTETPH Method (mg/kg Dry Wt)	500	2,500	~	~		370				
Polychlorinated Biphenyls (PCBs)										
Method 8082 (mg/kg Dry Wt)										
Pesticides										
Method 8081B (mg/kg)										
Herbicides										
Method 8151A (mg/kg)										

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples underlined values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD04B-20120517	SD05A-20120517	SD05B-20120517	SD06A-20120517	SD10A-20120517	SD06B-20120517
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/17/2012
Lab Report:					12050480	12050480	12050480	12050480	12050480	12050480
Interval:					6-12"	0-6"	6-12"	0-6"	Duplicate of SD06A	6-12"
Analysis/ Analytes / Notes:	RES DEC	I/C DEC	TEL	PEL	Unnamed Stream					Unnamed Stream
Total Priority Pollutant Metals										
Method 200.7 (mg/kg Dry Wt)										
Arsenic	10	10	5.9	17		*8.7*	*7.3*	4.3	***[22]***	2.1
Cadmium	34	1,000	0.596	3.53						
Chromium	~	~	37.3	90	*69*	19	14	4	19	13
Copper	2,500	76,000	35.7	197	11	*41*	20	12	*52*	5
Lead	400	1,000	35	91.3	10	*41*	*35*	17	*[73]*	12
Nickel	1,400	7,500	18	36	*[36]*	17	10	4.6	*24*	11
Selenium	340	10,000	~	~					6.2	
Zinc	20,000	610,000	123	315	56	120	85	64	*290*	57
Total Organic Carbon										
Method 9060A (Percent %)	~	~	~	~	0.82	7.01	4	21	21.5	1.3
Total Solids										
Method 160.3 mo (Percent %)	~	~	~	~	77	57	61	76	20	67

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples underlined values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD07A-20120517	SD07B-20120517	SD08A-20120517	SD08B-20120517	SD09A-20120516	SD09B-20120516
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/16/2012	5/16/2012
Lab Report:					12050480	12050480	12050480	12050480	12050419	12050419
Interval:					0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
Analysis/ Analytes / Notes:	RES DEC	I/C DEC	TEL	PEL	Poorhouse Brook		Unnamed Pond			
Volatile Organic Compounds (VOCs)										
Method 8260 (mg/kg)										
1,4-Dichlorobenzene	26	240	~	~						
4-Isopropyltoluene	~	~	~	~			0.019			
Chlorobenzene	500	1,000	~	~						
Toluene	500	1,000	~	~			0.027			
Semi-Volatile Organic Compounds (SVOCs)										
Method 8270 (mg/kg)										
Anthracene	1,000	2,500	0.0469	0.245	*[0.58]*					
Benzo[a]anthracene	1	7.8	0.0317	0.385	***[1.5]***					
Benzo[a]pyrene	1	1	0.0319	0.782	***[1.2]***					
Benzo[b]fluoranthene	1	7.8	~	~	**1.7**			0.47		
Benzo[g,h,i]perylene	~	~	~	~	0.48					
Benzo[k]fluoranthene	8.4	78	~	~	0.68					
bis(2-Ethylhexyl)phthalate	44	410	~	~			0.74			
Chrysene	~	~	0.0571	0.862	*[1.4]*					
Fluoranthene	1,000	2,500	0.111	2.355	*[3.9]*		*0.84*	*0.79*		
Indeno[1,2,3-cd]pyrene	~	~	~	~	0.53					
Isophorone	~	~	~	~						
Phenanthrene	1,000	2,500	0.0419	0.515	*[2.9]*		*[0.52]*			
Pyrene	1,000	2,500	0.053	0.875	*[3]*		*0.65*	*0.64*		
Extractable Total Petroleum Hydrocarbons (ETPH)										
CTETPH Method (mg/kg Dry Wt)	500	2,500	~	~			130			
Polychlorinated Biphenyls (PCBs)										
Method 8082 (mg/kg Dry Wt)										
Pesticides										
Method 8081B (mg/kg)										
Herbicides										
Method 8151A (mg/kg)										

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples underlined values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 20
Sediment Analytical Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	RSR Criteria		NOAA Criteria		SD07A-20120517	SD07B-20120517	SD08A-20120517	SD08B-20120517	SD09A-20120516	SD09B-20120516
Sample Date:					5/17/2012	5/17/2012	5/17/2012	5/17/2012	5/16/2012	5/16/2012
Lab Report:					12050480	12050480	12050480	12050480	12050419	12050419
Interval:					0-6"	6-12"	0-6"	6-12"	0-6"	6-12"
Analysis/ Analytes Notes:	RES DEC	I/C DEC	TEL	PEL	Poorhouse Brook		Unnamed Pond			
Total Priority Pollutant Metals										
Method 200.7 (mg/kg Dry Wt)										
Arsenic	10	10	5.9	17	3.1	1.8		2.5		
Cadmium	34	1,000	0.596	3.53						
Chromium	~	~	37.3	90	7	6	10	8	28	29
Copper	2,500	76,000	35.7	197	6	6	20	20	*46*	29
Lead	400	1,000	35	91.3	8	17	20	30	*75*	*68*
Nickel	1,400	7,500	18	36	4.5	3.7	8.1	6.7	*26*	19
Selenium	340	10,000	~	~						
Zinc	20,000	610,000	123	315	45	23	59	51	*160*	*130*
Total Organic Carbon										
Method 9060A (Percent %)	~	~	~	~	0.75	ND	1.85	1.23	11.6	2.7
Total Solids										
Method 160.3 mo (Percent %)	~	~	~	~	75	80	67	72	25	53

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For sediment samples **bolded** values exceed the RSR RDEC for the parameter.
4. For sediment samples <u>underlined</u> values exceed the RSR I/C DEC for the parameter.
5. For sediment samples *italicised* values exceed the NOAA TEL for the parameter.
6. For sediment samples [Bracket Enclosed] values exceed the NOAA PEL for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
RSR: Remediation Standard Regulations
RDEC: Residential Direct Exposure Criteria
I/C DEC: Industrial/ Commercial Direct Exposure Criteria
NOAA TEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Threshold Effects Level (TEL) for the parameter
NOAA PEL: National Oceanic and Atmospheric Administration's Screening Quick Reference Tables (SQuiRTs) Probably Effects Level (PEL) for the parameter

Table 21
Surface Water Analytical
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	CT Water Quality Standards Aquatic Life Criteria		CT Water Quality Standards Human Health Criteria		SW01-20120516	SW-01	SW-01	SW-01	SW02-20120516	SW-02	SW-02	SW-02	SW03-20120516	SW-03	SW-03	SW-03
Sample Date:					5/16/2012	9/4/2012	11/16/2012	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					12050419	12090028	12110417	13030171	12050419	12090028	12110417	13030171	12050419		12110417	13030171
Analysis/ Analytes **Notes:**	Acute	Chronic	Consumption of Fish	Consumption of Fish & Water	Unnamed Brook	Unnamed Brook	**No Sample Location Dry**	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	**No Sample Location Dry**	Unnamed Brook	Unnamed Brook
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
Chlorobenzene	~	~	1,600	100						1.1						
Chloroform	~	~	470	5.7				1.8								
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	~	~	~	~		1800				550			120			
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Pesticides																
Method 8081B (µg/l)																
Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Copper	14.3	4.8	~	1,300		**110**				**47**						
Iron	~	~	~	~	1,700	640		640	1,400	38,000	9,100	380	4,700		5,900	740
Lead	30	1.2	~	15						***40***						
Manganese	~	~	~	~	550	45		370	270	1,500	930	81	330		680	22
Potassium	~	~	~	~	2,400	2,300		2,600	3,400	23,000	7,000	3,300	9,600		17,000	5,800
Sodium	~	~	~	~	2,400	3,900		110,000	170,000	870,000	280,000	240,000	290,000		350,000	270,000
Zinc	65	65	26,000	7,400	26	**100**			36	**140**	**80**	61	60		57	39
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Copper	14.3	4.8	~	1,300		**66**										
Iron	~	~	~	~	790	160		270	360	340		450	210		210	
Lead	30	1.2	~	15												
Manganese	~	~	~	~	400	41		360	170	1,100	700	81	38 B		38	
Zinc	65	65	26,000	7,400	24	**86**			38		51	37			23	
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	30,000	14,000		15,000	90,000	410,000	200,000	45,000	150,000		230,000	90,000
Ammonia as N	~	~	~	~				130		1,600	1,000	130			450	120
Biochemical Oxygen Demand, 5 Day	~	~	~	~		9,400				15,000						
Chloride	860,000	230,000	~	~	110,000	4,200		190,000	300,000	**1,300,000**	**930,000**	380,000	430,000		**600,000**	440,000
Hardness	~	~	~	~	51,000	15,000		66,000	74,000	290,000	220,000	83,000	110,000		170,000	91,000
Nitrate as N	~	~	~	~	100	650		280	140			470	280		2,100	640
Sulfate	~	~	~	~	8,700	3,400		18,000	15,000	6,800	12,000	22,000	11,000		5,300	22,000
Total Dissolved Solids	~	~	~	~	280,000 B	72,000		330,000	480,000 B	2,300,000	1,600,000	710,000	770,000		1,100,000	740,000
Total Suspended Solids	~	~	~	~		7,000			10,000	180,000	110,000		26,000		70,000	12,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established
3. For water samples **bolded** values exceed the CT Water Quality Standards Acute Aquatic Life Criteria for the parameter.
4. For water samples underlined values exceed the CT Water Quality Standards Chronic Aquatic Life Criteria for the parameter.
5. For water samples *italicized* values exceed the CT Water Quality Standards Consumption of Water & Fish Human Health Criteria.
6. CT Water Quality Standards criteria are in the same units as the analyte.
7. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Table 21
Surface Water Analytical
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	CT Water Quality Standards Aquatic Life Criteria		CT Water Quality Standards Human Health Criteria		SW04-20120516	SW-04	SW-04	SW-04	SW05-20120516	SW-05	SW-05	SW-05	SW06-20120516	SW10-20120516	SW-06	SW-10	SW-06	SW-10
Sample Date:					5/16/2012	9/4/12	11/16/2012	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013	5/16/2012	5/16/2012	9/4/2012	9/4/2012	11/16/2012	11/16/2012
Quarter:					Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 1	Quarter 2	Quarter 2	Quarter 3	Quarter 3
Lab Report:					12050419	12090028	12110417	13030171	12050419	12090028	12110417	13030171	12050419	12050419	12090028	12090028	12110417	12110417
Analysis/ Analytes **Notes:**	Acute	Chronic	Consumption of Fish	Consumption of Fish & Water	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Unnamed Brook	Duplicate of SW06	Unnamed Brook	Duplicate of SW06	Unnamed Brook	Duplicate of SW06
Volatile Organic Compounds (VOCs)																		
Method 8260 (µg/l)																		
Chlorobenzene	~	~	1,600	100						1.9		1.7						
Chloroform	~	~	470	5.7														
Semi-Volatile Organic Compounds (SVOCs)																		
Method 8270 (µg/l)																		
Extractable Total Petroleum Hydrocarbons (ETPH)																		
CTETPH Method (µg/l)	~	~	~	~														
Polychlorinated Biphenyls (PCBs)																		
Method 8082 (µg/l)																		
Pesticides																		
Method 8081B (µg/l)																		
Herbicides																		
Method 8151A (µg/l)																		
Total Priority Pollutant Metals plus K & Na																		
Method 200.7 (µg/l)																		
Copper	14.3	4.8	~	1,300														
Iron	~	~	~	~	810	850	490	340	1,600	5,000	580	5,700	1,700	1,700	3,400	3,600	1,400	1,600
Lead	30	1.2	~	15														
Manganese	~	~	~	~	180	880	160	46	200	800	160	140	190	190	760	760	180	200
Potassium	~	~	~	~	3,100	4,400	3,600	4,000	3,600	6,300	3,600	4,100	3,300	3,700	6,500	6,600	3,900	4,200
Sodium	~	~	~	~	48,000	35,000	50,000	64,000	50,000	58,000	51,000	62,000	48,000	49,000	61,000	61,000	50,000	52,000
Zinc	65	65	26,000	7,400			29											
Dissolved Priority Pollutant Metals																		
Method 200.8 (µg/l)																		
Copper	14.3	4.8	~	1,300														
Iron	~	~	~	~	320		340		770	770	390	5,000	780	750	260	280	920	820
Lead	30	1.2	~	15		*29*												
Manganese	~	~	~	~	89 B	370	130		130	500	130	130	120	120	510	500	170	160
Zinc	65	65	26,000	7,400														
General Chemistry (µg/l)																		
Alkalinity, Tot(CaCO3)	~	~	~	~	55,000	57,000	57,000	35,000	55,000	110,000	57,000	65,000	55,000	60,000	140,000	130,000	71,000	88,000
Ammonia as N	~	~	~	~				150	300	210	100	620			240	230	290	310
Biochemical Oxygen Demand, 5 Day	~	~	~	~														
Chloride	860,000	230,000	~	~	80,000	60,000	110,000	95,000	80,000	84,000	100,000	100,000	76,000	76,000	87,000	84,000	110,000	99,000
Hardness	~	~	~	~	59,000	65,000	70,000	73,000	66,000	100,000	73,000	83,000	64,000	62,000	110,000	110,000	76,000	80,000
Nitrate as N	~	~	~	~	300	170	270	800	290	120	250	930	290	300	210	210	100	260
Sulfate	~	~	~	~	8,800	11,000	12,000	15,000	8,600	8,000	12,000	13,000	8,800	9,200	6,800	7,000	12,000	12,000
Total Dissolved Solids	~	~	~	~	190,000 B	190,000	240,000	210,000	220,000 B	280,000	240,000	240,000	190,000 B	210,000 B	310,000	310,000	240,000	280,000
Total Suspended Solids	~	~	~	~	8,000	6,000			12,000	7,000			12,000	10,000	12,000	6,000		5,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established
3. For water samples **bolded** values exceed the CT Water Quality Standards Acute Aquatic Life Criteria for the parameter.
4. For water samples underlined values exceed the CT Water Quality Standards Chronic Aquatic Life Criteria for the parameter.
5. For water samples *italicized* values exceed the CT Water Quality Standards Consumption of Water & Fish Human Health Criteria.
6. CT Water Quality Standards criteria are in the same units as the analyte.
7. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Table 21
Surface Water Analytical
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	CT Water Quality Standards Aquatic Life Criteria		CT Water Quality Standards Human Health Criteria		SW-06	SW-10	SW07-20120516	SW-07	SW-07	SW-07	SW08-20120516	SW-08	SW-08	SW-08	SW09-20120516	SW-09	SW-09	SW-09
Sample Date:					3/11/2013	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013	5/16/2012	9/4/2012	11/16/2012	3/11/2013
Quarter:					Quarter 4	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Lab Report:					13030171	13030171	12050419	12090028	12110417	13030171	12050419	12090028	12110417	13030171	12050419	12090028	12110417	13030171
Analysis/ Analytes **Notes:**	Acute	Chronic	Consumption of Fish	Consumption of Fish & Water	Unnamed Brook	Duplicate of SW-06	Poorhouse Brook	Poorhouse Brook	Poorhouse Brook	Poorhouse Brook	Unnamed Pond	Unnamed Pond	Unnamed Pond	Unnamed Pond	Unnamed Pond	Unnamed Pond	Unnamed Pond	Unnamed Pond
Volatile Organic Compounds (VOCs)																		
Method 8260 (µg/l)																		
Chlorobenzene	~	~	1,600	100														
Chloroform	~	~	470	5.7														
Semi-Volatile Organic Compounds (SVOCs)																		
Method 8270 (µg/l)																		
Extractable Total Petroleum Hydrocarbons (ETPH)																		
CTETPH Method (µg/l)	~	~	~	~												370		
Polychlorinated Biphenyls (PCBs)																		
Method 8082 (µg/l)																		
Pesticides																		
Method 8081B (µg/l)																		
Herbicides																		
Method 8151A (µg/l)																		
Total Priority Pollutant Metals plus K & Na																		
Method 200.7 (µg/l)																		
Copper	14.3	4.8	~	1,300														
Iron	~	~	~	~	1,000	1,000	1,600	2,200	1,200	1,000	480	150	230	140	280	2,000	230	140
Lead	30	1.2	~	15														
Manganese	~	~	~	~	50	52	190	500	170	50	67		20			380		
Potassium	~	~	~	~	3,000	3,000	3,400	6,500	3,800	3,000	3,000	2,700	2,800	2,500	3,400	12,000	3,200	2,600
Sodium	~	~	~	~	56,000	56,000	47,000	64,000	49,000	56,000	24,000	31,000	29,000	29,000	24,000	30,000	34,000	36,000
Zinc	65	65	26,000	7,400									24			63		
Dissolved Priority Pollutant Metals																		
Method 200.8 (µg/l)																		
Copper	14.3	4.8	~	1,300														
Iron	~	~	~	~	590	610	750	200	750	540	250		160		170	120	210	
Lead	30	1.2	~	15														
Manganese	~	~	~	~	39	37	110	330	160	42	29 B			21		28		28
Zinc	65	65	26,000	7,400														
General Chemistry (µg/l)																		
Alkalinity, Tot(CaCO3)	~	~	~	~	43,000	40,000	60,000	130,000	71,000	98,000	35,000	37,000	33,000	30,000	43,000	48,000	29,000	25,000
Ammonia as N	~	~	~	~	210	210			160	210				120			240	110
Biochemical Oxygen Demand, 5 Day	~	~	~	~											16,000	28,000		
Chloride	860,000	230,000	~	~	94,000	94,000	75,000	89,000	110,000	94,000	35,000	59,000	67,000	50,000	36,000	51,000	78,000	57,000
Hardness	~	~	~	~	65,000	65,000	65,000	110,000	75,000	65,000	46,000	59,000	59,000	52,000	45,000	69,000	55,000	52,000
Nitrate as N	~	~	~	~	810	830	310	710	310	850	600	350	2,100	1,900	370		3,300	1,900
Sulfate	~	~	~	~	15,000	15,000	8,900	6,400	12,000	15,000	10,000	13,000	16,000	15,000	9,800	10,000	16,000	16,000
Total Dissolved Solids	~	~	~	~	150,000	210,000	180,000 B	300,000	250,000	210,000	140,000 B	200,000	260,000	140,000	100,000 B	120,000	210,000	130,000
Total Suspended Solids	~	~	~	~			12,000				10,000					290,000		17,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established
3. For water samples **bolded** values exceed the CT Water Quality Standards Acute Aquatic Life Criteria for the parameter.
4. For water samples underlined values exceed the CT Water Quality Standards Chronic Aquatic Life Criteria for the parameter.
5. For water samples *italicized* values exceed the CT Water Quality Standards Consumption of Water & Fish Human Health Criteria.
6. CT Water Quality Standards criteria are in the same units as the analyte.
7. "B" Qualifier: Result invalidated because the analyte was detected in an associated blank.

Table 22
Leachate Seep Sample Analytical
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Sample ID:	CT Water Quality Standards Aquatic Life Criteria		CT Water Quality Standards Human Health Criteria		UNB-SP1-20120611	UNB-SP6-20120611	UNB-SP1	UNB-SP2-20120611	UNB-SP2	UNB-SP6	UNB-SP3-20120611	UNB-SP3	UNB-SP4-20120611	UNB-SP4	UNB-SP5-20120611	UNB-SP5
Sample Date:					6/11/2012	6/11/2012	3/11/2013	6/11/2012	3/11/2013	3/11/2013	6/11/2012	3/11/2013	6/11/2012	3/11/2013	6/11/2012	3/11/2013
Lab Report:					12060256	12060256	13030170	12060256	13030170	13030170	12060256	13030170	12060256		12060256	13030170
Sample Quarter:					Quarter 1	Quarter 1	Quarter 4	Quarter 1	Quarter 4	Quarter 4	Quarter 1	Quarter 4	Quarter 1	Quarter 4	Quarter 1	Quarter 4
Analysis/ Analytes **Notes:**	Acute	Chronic	Consumption of Fish	Consumption of Fish & Water		Duplicate of UNB-SP1				Duplicate of UNB-SP2				**No Sample** No Flow		
Volatile Organic Compounds (VOCs)																
Method 8260 (µg/l)																
1,1,1-Trichloroethane	~	~	~	~			3.9									
1,4-Dichlorobenzene	~	~	~	~				1.7	1.6	1.5			4.8			
Benzene	~	~	51	1.2					*2.2*	*2.1*			*3.5*			
Chlorobenzene	~	~	1,600	100				23	30	30	3.4	2.3	23			
Isopropylbenzene	~	~	~	~									1.7			
n-Propylbenzene	~	~	~	~									1.2			
Naphthalene	~	~	~	~									3.5			
Trichloroethylene (TCE)	~	~	30	2.5			*18*									
Semi-Volatile Organic Compounds (SVOCs)																
Method 8270 (µg/l)																
Benzo[a]anthracene	~	~	0.018	0.0038	*[0.3]*		*[0.72]*									
Benzo[a]pyrene	~	~	0.018	0.0038	*[0.24]*		*[0.63]*									*[0.56]*
Benzo[b]fluoranthene	~	~	0.018	0.0038	*[0.26]*		*[0.61]*									*[0.61]*
Benzo[k]fluoranthene	~	~	0.018	0.0038			*[0.3]*									
Fluoranthene	~	~	1.28	1.01			*[1.3]*									
Indeno[1,2,3-cd]pyrene	~	~	0.018	0.0038	*[0.27]*		*[0.48]*									*[0.59]*
Naphthalene	~	~	20,513	677									2.4			
Phenanthrene	~	~	49.17	4.37	0.23		0.54									0.27
Pyrene	~	~	49.17	4.37			1.1									
Extractable Total Petroleum Hydrocarbons (ETPH)																
CTETPH Method (µg/l)	~	~	~	~							760	1200	1,100		450	770
Polychlorinated Biphenyls (PCBs)																
Method 8082 (µg/l)																
Pesticides																
Method 8081B (µg/l)																
4,4-DDD	~	~	0.00031	0.00031	*[0.11]*	*[0.28]*										
4,4-DDE	~	~	0.00022	0.00022	*[0.13]*	*[0.11]*										
Herbicides																
Method 8151A (µg/l)																
Total Priority Pollutant Metals plus K & Na																
Method 200.7 (µg/l)																
Arsenic	340	150	0.021	0.018	*6.4*	*[48]*		[5.7]	*[10]*	*[5.8]*	*[4.5]*		*[6.8]*		*[82]*	[5.5]
Cadmium	1	0.125	10,769	5		***17***									***150***	***26***
Chromium	~	~	~	~		79									400	
Copper	14.3	4.8	~	1,300	**43**	**370**					**81**		**47**		***17,000***	***2,600***
Iron	~	~	~	~	52,000	380,000	110	68,000	110,000	100,000	59,000	38,000	46,000		360,000	38,000
Lead	30	1	~	15	***59***	***500***			***18***	***17***	***500***	***92***	***110***		***13,000***	***2,200***
Manganese	~	~	~	~	880	3,600	51	1,100	1,100	1,200	1,400	1,000	710		7,100	530
Nickel	260.5	28.9	4,600	610		140									***1,000***	**140**
Potassium	~	~	~	~	8,000	11,000	6,700	16,000	17,000	16,000	100,000	110,000	100,000		50,000	30,000
Silver	1.02	~	107,692	175											***110***	
Sodium	~	~	~	~	43,000	44,000	52,000	33,000	40,000	40,000	79,000	79,000	1,000,000		640,000	630,000
Zinc	65	65	26,000	7,400	**310**	**2,000**	40	53	**82**	**69**	**250**	**130**	**160**		**18,000**	**2,700**
Dissolved Priority Pollutant Metals																
Method 200.8 (µg/l)																
Iron	NA	NA	NA	NA	4,300	10,000			510	1,100		1,900	110			760
Manganese	NA	NA	NA	NA	780	730	28	710	810	840	1,000	760	460		170	140
Zinc	NA	NA	NA	NA							26				44	57
General Chemistry (µg/l)																
Alkalinity, Tot(CaCO3)	~	~	~	~	290,000	320,000	190,000	320,000	310,000	420,000	860,000	830,000	810,000		600,000	450,000
Ammonia as N	~	~	~	~	1,800	1,700	130	530	1,800	1,700	3,900	17,000	10,000		420	480
Biochemical Oxygen Demand, 5 Day	~	~	~	~			6,000	6,200	12,000	7,100		59,000				
Chloride	860,000	230,000	~	~	56,000	47,000	71,000	54,000	64,000	63,000	140,000	100,000	**1,770,000**		**1,300,000**	**970,000**
Hardness	~	~	~	~	240,000	440,000	210,000	280,000	300,000	310,000	710,000	660,000	470,000		1,400,000	520,000
Nitrate as N	~	~	~	~	1,000		2,700	110	330	1,600	8,400		150		130	4,000
Sulfate	~	~	~	~	65,000	3,700	71,000	7,200	18,000	18,000	36,000	18,000	8,800		22,000	43,000
Total Dissolved Solids	~	~	~	~	380,000	380,000	340,000	380,000	380,000	440,000	1,100,000	600,000	3,200,000		1,700,000	1,700,000
Total Suspended Solids	~	~	~	~	16,000,000	18,000,000	100,000	290,000	470,000	410,000	280,000	590,000	450,000		2,800,000	4,000,000

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established
3. For leachate seep samples **bolded** values exceed the CT Water Quality Standards (WQS) Acute Aquatic Life Criteria for the parameter.
4. For leachate seep samples underlined values exceed the CT WQS Chronic Aquatic Life Criteria for the parameter.
5. For leachate seep samples *italicized* values exceed the CT WQS Consumption of Water & Fish Human Health Criteria.
6. For leachate seep samples [bracketed] values exceed the CT WQS Consumption of Fish Human Health Criteria.
7. CT Water Quality Standards criteria are in the same units as the analyte.

Table 23
Groundwater General Chemistry Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Analysis/ Analytes	Percent Detected											
	Background				Footprint				Downgradient			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	100%	86%	86%	100%	96%	92%	88%	80%	93%	100%	87%	93%
Ammonia as N	29%	14%	43%	29%	60%	54%	72%	72%	0%	0%	7%	7%
Biochemical Oxygen Demand, 5 Day	0%	14%	0%	0%	80%	33%	24%	12%	27%	0%	7%	0%
Chloride	100%	86%	86%	100%	96%	92%	88%	80%	93%	100%	93%	100%
Hardness	100%	86%	86%	100%	96%	92%	88%	80%	93%	100%	93%	100%
Nitrate as N	57%	43%	43%	71%	20%	13%	8%	24%	67%	64%	67%	80%
Sulfate	100%	71%	86%	100%	88%	67%	64%	72%	93%	100%	93%	100%
Total Dissolved Solids	100%	86%	86%	100%	96%	92%	88%	80%	93%	100%	93%	100%
Total Suspended Solids	57%	43%	43%	14%	88%	67%	72%	64%	47%	43%	47%	27%

Analysis/ Analytes	Minimum Values											
	Background				Footprint				Downgradient			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	14,000	28,000	21,000	11,000	46,000	30,000	33,000	50,000	19,000	12,000	8,000	6,300
Ammonia as N	190	1,900	120	610	190	180	100	140	ND	ND	200	200
Biochemical Oxygen Demand, 5 Day	ND	4,000	ND	ND	5,300	3,000	7,000	7,000	12,000	ND	26,000	ND
Chloride	3,600	5,100	6,100	3,700	35,000	70,000	67,000	38,000	13,000	15,000	45,000	6,100
Hardness	18,000	28,000	24,000	19,000	41,000	34,000	45,000	60,000	18,000	16,000	36,000	14,000
Nitrate as N	440	860	650	610	120	110	180	100	160	770	500	110
Sulfate	8,800	8,200	9,100	9,600	1,000	2,000	2,700	1,900	3,100	4,100	1,900	6,300
Total Dissolved Solids	38,000	67,000	14,000	15,000	100,000	210,000	280,000	110,000	66,000	140,000	120,000	42,000
Total Suspended Solids	6,000	5,000	5,000	7,000	5,000	6,000	6,000	5,000	5,000	5,000	5,000	6,000

Analysis/ Analytes	Maximum Values											
	Background				Footprint				Downgradient			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	150,000	110,000	150,000	180,000	950,000	920,000	1,000,000	1,300,000	230,000	180,000	260,000	260,000
Ammonia as N	330	1,900	2,600	970	13,000	9,800	24,000	48,000	ND	ND	200	200
Biochemical Oxygen Demand, 5 Day	ND	4,000	ND	ND	720,000	21,000	14,000	17,000	16,000	ND	26,000	ND
Chloride	230,000	310,000	84,000	620,000	14,000,000	15,000,000	12,000,000	13,000,000	480,000	590,000	570,000	310,000
Hardness	66,000	79,000	64,000	250,000	780,000	730,000	1,400,000	570,000	620,000	700,000	610,000	580,000
Nitrate as N	2,100	1,300	1,800	2,200	1,000	970	970	1,800	4,100	4,700	4,800	8,100
Sulfate	23,000	31,000	33,000	30,000	120,000	80,000	110,000	77,000	48,000	59,000	56,000	53,000
Total Dissolved Solids	130,000	600,000	260,000	1,300,000	2,000,000	23,000,000	20,000,000	21,000,000	550,000	2,100,000	1,500,000	1,300,000
Total Suspended Solids	62,000	200,000	73,000	7,000	86,000	300,000	170,000	110,000	90,000	30,000	39,000	13,000

Table 23
Groundwater General Chemistry Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Analysis/ Analytes	Average Values											
	Background				Footprint				Downgradient			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	60,429	64,000	65,500	51,857	377,583	397,182	458,682	350,200	90,929	84,071	99,692	93,843
Ammonia as N	260	1,900	1,133	790	3,152	3,231	6,053	5,034	ND	ND	200	200
Biochemical Oxygen Demand, 5 Day	ND	4,000	ND	ND	115,815	9,713	10,767	10,700	13,750	ND	26,000	ND
Chloride	46,657	66,500	27,100	99,443	1,525,083	1,715,273	1,703,682	1,015,100	127,429	180,714	148,786	112,340
Hardness	43,143	48,667	40,167	60,571	363,167	373,864	421,591	299,600	149,071	169,929	155,357	149,000
Nitrate as N	948	1,153	1,113	1,496	334	407	575	1,035	1,954	2,436	2,364	3,273
Sulfate	14,971	17,840	17,850	17,086	23,614	25,950	25,763	22,872	22,443	27,057	25,821	26,593
Total Dissolved Solids	96,857	198,500	144,667	252,143	529,583	3,144,545	3,222,273	1,948,500	183,286	496,429	360,000	368,267
Total Suspended Solids	22,750	70,333	30,000	7,000	39,455	59,313	52,778	35,813	30,714	12,000	13,714	8,750

Analysis/ Analytes	Median Values											
	Background				Footprint				Downgradient			
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
General Chemistry (µg/l)												
Alkalinity, Tot(CaCO3)	35,000	58,500	57,000	26,000	272,500	320,000	355,000	210,000	60,500	64,500	92,000	82,500
Ammonia as N	260	1,900	680	790	2,000	2,600	1,850	1,100	ND	ND	200	200
Biochemical Oxygen Demand, 5 Day	ND	4,000	ND	ND	55,000	6,850	10,750	8,100	13,500	ND	26,000	ND
Chloride	5,100	9,300	7,950	8,200	165,000	220,000	220,000	220,000	83,500	103,500	120,000	90,000
Hardness	50,000	42,500	39,000	28,000	330,000	370,000	380,000	295,000	84,500	110,000	96,500	110,000
Nitrate as N	625	1,300	890	1,800	200	140	575	1,300	1,550	2,400	2,200	3,700
Sulfate	14,000	17,000	15,000	15,000	19,000	20,000	18,500	22,500	20,000	25,500	25,500	28,000
Total Dissolved Solids	100,000	125,000	155,000	92,000	240,000	1,350,000	1,200,000	825,000	120,000	360,000	285,000	290,000
Total Suspended Solids	11,500	6,000	12,000	7,000	36,000	43,500	39,500	18,000	18,000	10,000	9,000	8,000

Table 24
QA/QC Sample
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				FB050712	TB050712	TB050912	TB051012	FB051112	TB051112	TB051412	TB051512	FB051612	TB051612	FB051712	SB051712	TB061112
Sample Date:					5/7/2012	5/7/2012	5/9/2012	5/10/2012	5/11/2012	5/11/2012	5/14/2012	5/15/2012	5/16/2012	5/16/2012	5/17/2012	5/17/2012	6/11/2012
Quarter:					Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1	Quarter 1
Lab Report:					1205178	12050178	12050225	12050273	1205307	1205307	12050332	12050360	12050419	12050419	12050480	12050480	12060256
Analysis/ Analytes	GWPC	SWPC	Res. V/C	I/C V/C													
Volatile Organic Compounds (VOCs)																	
Method 8260 (µg/l)																	
Methylene Chloride	5	48,000	160	2,200											72		
Semi-Volatile Organic Compounds (SVOCs)																	
Method 8270 (µg/l)																	
Benzo[a]anthracene	0.06	0.3	~	~									**0.22**				
Phenanthrene	200	0.3	~	~									0.16				
Extractable Total Petroleum Hydrocarbons (ETPH)																	
CTETPH Method (µg/l)	500	~	~	~													
Polychlorinated Biphenyls (PCBs)																	
Method 8082 (µg/l)																	
Chlorinated Pesticides																	
Method 8081B (µg/l)																	
Chlorinated Herbicides																	
Method 8151A (µg/l)																	
Total Priority Pollutant Metals plus K & Na																	
Method 200.7 (µg/l)																	
Iron	~	~	~	~													
Sodium	~	~	~	~	1,500				1,400								
Dissolved Priority Pollutant Metals																	
Method 200.8 (µg/l)																	
Manganese	NA	NA	NA	NA					67				20				
Sodium	NA	NA	NA	NA					2,600								
General Chemistry (µg/l)																	
Alkalinity, Tot(CaCO3)	~	~	~	~	25,000				25,000								
Hardness	~	~	~	~	17,000				27,000								
Nitrate as N	~	~	~	~	530				520								
Sulfate	~	~	~	~	5,800				5,800								
Total Suspended Solids																100	
Total Dissolved Solids	~	~	~	~	110,000				66,000				120,000				

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 24
QA/QC
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				FB082812	TB082812	TB082912	FB083012	TB083012	FB083112	TB083112	TB090412	TB090512	FB110612	TB110612	TB110712	TB110912
Sample Date:					8/28/2012	8/28/2012	8/29/2012	8/30/2012	8/30/2013	8/31/2012	8/31/2012	9/4/2012	9/5/2012	11/6/2012	11/6/2012	11/7/2012	11/9/2012
Quarter:					Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 2	Quarter 3	Quarter 3	Quarter 3	Quarter 3
Lab Report:					12080697	12080697	12080697	12080721	12080721	12080741	12080741	12090027	12090046	12110126	12110126	12110155	12110209
Analysis/ Analytes	GWPC	SWPC	Res. V/C	I/C V/C													
Volatile Organic Compounds (VOCs)																	
Method 8260 (µg/l)																	
Methylene Chloride	5	48,000	160	2,200													
Semi-Volatile Organic Compounds (SVOCs)																	
Method 8270 (µg/l)																	
Benzo[a]anthracene	0.06	0.3	~	~													
Phenanthrene	200	0.3	~	~													
Extractable Total Petroleum Hydrocarbons (ETPH)																	
CTETPH Method (µg/l)	500	~	~	~													
Polychlorinated Biphenyls (PCBs)																	
Method 8082 (µg/l)																	
Chlorinated Pesticides																	
Method 8081B (µg/l)																	
Chlorinated Herbicides																	
Method 8151A (µg/l)																	
Total Priority Pollutant Metals plus K & Na																	
Method 200.7 (µg/l)																	
Iron	~	~	~	~				170									
Sodium	~	~	~	~				1,000		1,100							
Dissolved Priority Pollutant Metals																	
Method 200.8 (µg/l)																	
Manganese	NA	NA	NA	NA													
Sodium	NA	NA	NA	NA													
General Chemistry (µg/l)																	
Alkalinity, Tot(CaCO3)	~	~	~	~													
Hardness	~	~	~	~				450		430				400			
Nitrate as N	~	~	~	~				660									
Sulfate	~	~	~	~	1,500												
Total Suspended Solids																	
Total Dissolved Solids	~	~	~	~	40,000			54,000		100,000				13,000			

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 24
QA/QC Sample
Results Summary Table
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:	CT RSR Criteria				TB111212	FB111312	TB111312	TB111612	FB022713	TB022713	FB022813	TB022813	FB030113	TB030113	FB030412	TB030412	TB031113
Sample Date:					11/12/2012	11/13/2012	11/13/2012	11/16/2012	2/27/2013	2/27/2013	2/28/2013	2/28/2013	3/1/2013	3/1/2013	3/4/2012	3/4/2012	3/11/2013
Quarter:					Quarter 3	Quarter 3	Quarter 3	Quarter 3	Quarter 4	Quarter 4	Quarter 4	Quarter 4	Quarter 4	Quarter 4	Quarter 4	Quarter 4	Quarter 4
Lab Report:					12110231	12110253	12110253	12110414	13020452	13020452	13020486	13020486	13030024	13030024	13030053	13030053	13030170
Analysis/ Analytes	GWPC	SWPC	Res. V/C	I/C V/C													
Volatile Organic Compounds (VOCs)																	
Method 8260 (µg/l)																	
Methylene Chloride	5	48,000	160	2,200													
Semi-Volatile Organic Compounds (SVOCs)																	
Method 8270 (µg/l)																	
Benzo[a]anthracene	0.06	0.3	~	~													
Phenanthrene	200	0.3	~	~													
Extractable Total Petroleum Hydrocarbons (ETPH)																	
CTETPH Method (µg/l)	500	~	~	~													
Polychlorinated Biphenyls (PCBs)																	
Method 8082 (µg/l)																	
Chlorinated Pesticides																	
Method 8081B (µg/l)																	
Chlorinated Herbicides																	
Method 8151A (µg/l)																	
Total Priority Pollutant Metals plus K & Na																	
Method 200.7 (µg/l)																	
Iron	~	~	~	~													
Sodium	~	~	~	~					1,600		1,700		2,500		1,600		
Dissolved Priority Pollutant Metals																	
Method 200.8 (µg/l)																	
Manganese	NA	NA	NA	NA													
Sodium	NA	NA	NA	NA									1,600				
General Chemistry (µg/l)																	
Alkalinity, Tot(CaCO3)	~	~	~	~					27,000		28,000		30,000		31,000		
Hardness	~	~	~	~					31,000		31,000		27,000		33,000		
Nitrate as N	~	~	~	~					540		560		540		540		
Sulfate	~	~	~	~					5,800		5,900		5,800		5,900		
Total Suspended Solids																	
Total Dissolved Solids	~	~	~	~		66,000			34,000		98,000		20,000		23,000		

Notes:
1. Blank = analyte below method detection limits. All detection limits verified below the applicable criteria for each constituent.
2. ~ = No Standard established.
3. For water samples **bolded** values exceed the RSR GWPC for the parameter.
4. For water samples underlined values exceed the RSR SWPC for the parameter.
5. For water samples shaded values exceed the RSR Res. V/C for the parameter.
6. For water samples *italicised* values exceed the RSR I/C V/C for the parameter.
7. RSR criteria are in the same units as the analyte.

Legend:
OB: Soil Overburden Monitoring Well
R: Bedrock Monitoring Well
RSR: Remediation Standard Regulations
GWPC: Ground Water Protection Criteria
SWPC: Surface Water Protection Criteria
Res. V/C: Residential Volatilization Criteria
I/C V/C: Industrial/ Commercial Volatilization Criteria

Table 25
Final Water Quaility Indicator Parameter Summary
Background Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

	Well ID:	MW-5(R)				MW-21(OB)				MW-21(R)				MW-22(OB)			
	Location:	Background				Background				Background				Background			
	Quarter:	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Notes:														Dry/NS	Dry/NS	
Parameter	**Units**																
Temp	degrees C	11.00	12.53	10.48	8.93	12.56	21.30	13.33	3.71	13.10	13.72	13.20	11.54	9.27	DRY	DRY	6.74
Conductivity	µS/cm	110	119.5	89	122	882	1118	420	2603	316	350	226	250	76			85
DO	mg/L	1.68	1.64	1.62	3.32	1.50	0.19	0.85	3.95	0.34	0.09	0.20	0.29	3.91			10.53
pH	standard Units	5.91	5.99	5.73	5.76	6.17	5.92	6.01	6.39	5.54	7.16	5.48	5.51	5.58			5.60
ORP	mV	184	213	61.9	160.9	-22.2	-104	3.6	77.6	-7.1	-13	-10.1	15.0	175.5			138.5
Turbidity	NTU	2.4	3.48	1.70	1.81	195.2	16.4	20.2	3.69	1	1.95	1.06	0.96	3.4			2.23
Initial DTW	feet	9.15	14.92	13.55	7.36	3.68	6.08	4.35	2.95	8.45	12.91	10.46	7.29	10.94			9.18
Final DTW	feet	9.32	14.95	13.70	7.52	6.70	8.70	6.98	3.27	9.15	15.29	11.25	8.11	11.06			9.39

	Well ID:	MW-22(R)				MW-23(OB)				MW-23(R)			
	Location:	Background				Background				Background			
	Quarter:	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Notes:												
Parameter	**Units**												
Temp	degrees C	10.12	12.81	10.59	8.81	12.97	15.87	13.11	7.47	11.83	15.03	10.90	10.38
Conductivity	µS/cm	288	249.1	130	121	95	108.5	318	101	196	195.8	131	194
DO	mg/L	1.20	0.26	0.82	3.07	7.31	3.31	7.29	12.34	0.35	0.20	1.20	1.38
pH	standard Units	10.93	7.33	10.01	6.02	5.45	5.66	5.87	5.87	7.07	8.95	8.10	8.77
ORP	mV	-74.2	85	20.2	131.4	285.6	268	27.1	156.4	41.7	-219	-135.1	24.0
Turbidity	NTU	1.9	3.18	0.67	0.60	6.1	1.26	0.17	0.24	11.1	5.1	1.64	0.13
Initial DTW	feet	10.70	16.46	14.03	8.71	13.76	17.29	15.48	11.12	16.10	19.90	17.20	13.63
Final DTW	feet	16.00	20.18	16.00	10.55	13.97	17.85	16.11	11.34	26.23	28.09	21.38	20.23

Table 26
Final Water Quaility Indicator Parameter Summary
Site Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Well ID:		MW-1(OB)				MW-1(R)				MW-2(OB)				MW-2(R)				MW-3(OB)				MW-3(R)			
Location:		Site				Site				Site				Site				Site				Site			
Quarter:		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Notes:																									
Parameter	**Units**																								
Temp	degrees C	13.63	13.70	12.76	12.79	13.54	13.38	12.93	12.29	15.32	15.44	14.10	13.66	15.22	15.16	12.88	13.47	12.45	19.52	12.78	7.72	14.51	14.73	10.12	11.17
Conductivity	µS/cm	38650	32750	32010	38470	6182	6110	5440	5347	1444	1267	1619	1330	842	8266	743.1	936	897	1092	861	2914	866	763.1	522	736
DO	mg/L	1.35	0.01	0.23	2.17	1.55	4.27	3.21	0.74	0.48	0.04	0.17	1.42	0.34	0.06	0.26	8.36	0.35	0.11	0.91	0.65	0.40	0.08	0.69	0.52
pH	standard Units	7.37	8.01	10.54	7.70	6.11	6.30	14.89	6.27	6.65	6.68	21.65	6.64	6.58	6.61	8.57	6.76	6.71	7.40	6.68	6.92	6.00	7.34	6.70	6.40
ORP	mV	-157.4	-152	-92	-128.5	70	-24	750	-1.0	-83.3	-82	-51	-49.2	-81.4	-75	-32	-62.5	-85.7	-85	-17.7	-74.3	62.8	-38	-55.1	-63.2
Turbidity	NTU	5.8	3.61	1	50.5	32.3	16.1	4.47	9.33	12.6	18	6.98	80.4	3.1	4.84	16.2	15.5	2	2.51	1.87	2.72	3.4	1.06	4.23	0.14
Initial DTW	feet	32.74	33.85	37.83	31.54	34.62	36.31	33.85	31.18	32.85	34.61	34.02	31.84	32.35	34.20	33.40	31.34	9.91	11.40	9.55	9.84	19.52	21.28	20.54	19.14
Final DTW	feet	32.95	NM	37.83	NM	46.99	NM	33.85	NM	32.90	NM	34.02	NM	32.45	NM	33.40	NM	9.91	12.74	10.10	10.05	21.41	22.61	20.54	20.19

Well ID:		MW-6(OB)				MW-6(R)				MW-9(OB)				MW-9(R)				MW-10(R)				MW-11(OB)			
Location:		Site				Site				Site				Site				Site				Site			
Quarter:		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Notes:											Dry/Ns	Dry/Ns	Dry/NS									Ran Dry/NS	Ran Dry/NS	Dry/NS	
Parameter	**Units**																								
Temp	degrees C	17.72	19.32	17.55	16.00	16.69	17.96	13.67	14.78	14.45	DRY	DRY	DRY	13.00	15.19	10.98	12.24	15.01	14.23	12.71	12.91	15.16	19.41	Dry	11.24
Conductivity	µS/cm	1491	2025	2090	1777	3436	3230	3003	3173	252				390	489.9	500	604	2733	3497	2351	2298	2861	2645		1886
DO	mg/L	1.44	0.06	0.34	0.23	1.80	0.14	2.87	0.64	0.38				3.37	0.20	0.37	0.32	0.96	0.16	0.69	0.76	0.80	2.63		1.88
pH	standard Units	6.49	6.53	10.97	6.46	6.67	6.81	5.78	6.85	6.26				8.42	8.78	16.43	7.60	5.43	7.33	5.28	5.68	6.40	7.59		6.45
ORP	mV	-108.6	-119	1021	-84.3	-59.8	-88	-93.2	-102.6	-21.7				69.9	-151	-156	-135.5	244.3	-85	86.7	170.3	-108.3	-67		-13.2
Turbidity	NTU	2.6	2.68	1.05	1.01	11.6	11.7	4.31	1.75	1.9				7.6	7.66	8.20	4.98	6.9	1.84	1.68	1.21	28.6	NM		0.86
Initial DTW	feet	30.62	31.85	31.18	37.40	41.50	42.74	41.67	92.74	32.69				40.40	40.00	39.15	NM	20.58	23.90	23.19	20.26	14.55	14.82		13.69
Final DTW	feet	30.65	NM	31.18	NM	41.50	42.65	41.78	NM	33.08				57.91	51.50	39.15	NM	21.84	24.42	23.25	20.97	15.10	DRY		14.30

Well ID:		MW-11(R)				MW-13(OB)				MW-13(R)				MW-14(OB)				MW-14(R)				MW-16(OB)			
Location:		Site				Site				Site				Site				Site				Site			
Quarter:		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Notes:							Dry/NS	Dry/NS									Covered/NS				Covered/NS				
Parameter	**Units**																								
Temp	degrees C	14.50	13.57	11.14	11.90	16.46	DRY	DRY	5.36	12.53	15.21	13.24	11.24	18.90	19.64	15.49		20.70	18.48	14.15		12.90	16.68	12.32	8.94
Conductivity	µS/cm	439	399.3	442	1204	300			398	590	505.5	484	456	1813	2187	1909		2993	2816	2045		4028	3147	14620	2830
DO	mg/L	0.75	0.75	0.86	0.25	0.78			8.69	0.32	0.04	0.22	0.78	0.31	0.26	0.30		0.67	0.12	0.39		0.51	0.14	1.18	1.26
pH	standard Units	5.76	7.36	5.28	5.48	6.00			6.71	5.74	6.00	14.90	5.91	7.04	7.04	7.67		6.72	6.77	7.41		6.32	6.45	5.88	6.54
ORP	mV	162.2	82	60.9	192.0	183.5			65.7	173.6	90	446.0	113.6	-123.8	-120	-139.0		-121.9	-113	-246.2		348	91	129.4	78.8
Turbidity	NTU	0.8	0.67	0.28	0.51	0			2.52	14.7	7.62	29.8	7.71	9.7	5.35	14.4		2.8	5.34	1.59		5	20.5	6.33	0.68
Initial DTW	feet	11.79	18.87	17.72	8.57	19.48			19.64	29.71	33.17	31.70	29.23	30.46	31.08	30.84		41.15	46.31	41.41		16.95	18.94	17.35	15.74
Final DTW	feet	11.79	19.00	17.80	8.64	19.48			19.79	32.07	33.55	32.40	30.04	30.56	31.10	30.93		41.23	42.44	41.45		17.60	19.38	18.80	15.74

Well ID:		MW-16(R)				MW-17(OB)				MW-17(R)				MW-18(OB)				MW-18(R)			
Location:		Site				Site				Site				Site				Site			
Quarter:		1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
Notes:																					
Parameter	**Units**																				
Temp	degrees C	13.20	13.75	11.69	10.25	16.65	20.37	18.53	16.32	18.45	18.10	14.24	15.35	13.41	16.40	10.82	12.05	14.16	15.76	10.94	12.20
Conductivity	µS/cm	3387	3098	1025	960	1775	2167	1771	1673	1727	1535	1410	1220	1013	972.2	1228	1058	763	600.8	940	790
DO	mg/L	0.41	0.14	0.50	4.29	0.50	0.06	0.40	0.82	1.41	0.18	0.40	2.79	0.49	0.11	0.54	0.79	0.75	0.13	0.14	2.95
pH	standard Units	5.57	5.87	6.25	6.44	6.68	8.05	6.71	6.62	7.29	8.05	7.23	7.39	6.74	7.85	6.45	6.77	7.40	8.28	6.91	6.76
ORP	mV	135.7	103	2.4	112.1	-81.1	-117	-86.9	-7.8	325.8	-166	-194.5	-148.3	-112.7	-117	-123.1	-125.8	355.8	-147	-142.4	-44.3
Turbidity	NTU	5.1	5.23	2.91	2.07	1.2	13.83	3.99	2.49	8.2	1.25	3.32	1.35	12.6	12.61	10.52	16.0	4	2.31	3.74	0.45
Initial DTW	feet	16.55	18.92	16.80	15.71	17.51	18.86	17.90	17.38	17.36	18.52	17.53	16.86	10.00	10.98	10.18	9.57	9.30	9.48	8.51	7.91
Final DTW	feet	16.93	19.00	17.00	16.01	17.57	19.04	18.03	17.49	23.52	26.41	26.96	27.11	11.95	12.81	10.74	10.89	13.61	13.30	15.24	14.89

Table 27
Final Water Quality Indicator Parameter Summary
Downgradient Wells
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

	Well ID:	MW-4(OB)				MW-4(R)				MW-12(OB)				MW-12(R)				MW-15(OB)				MW-15(R)			
	Location:	Downgradient				Downgradient				Downgradient				Downgradient				Downgradient				Downgradient			
	Quarter:	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Notes:																	Ran Dry/NS	Dry/NS	Dry/NS					
Parameter	**Units**																								
Temp	degrees C	14.23	24.28	16.23	8.09	13.70	19.16	15.64	11.97	12.47	16.15	12.98	9.07	14.65	17.88	12.34	8.96	12.30	Dry	DRY	7.87	12.97	15.98	12.94	10.35
Conductivity	µS/cm	850	1676	645	1189	793	NM	749	823	325	236.2	317	318	347	213.1	269	273	705			500	583	528.7	427	581
DO	mg/L	2.84	2.52	1.96	4.44	0.61	0.75	1.60	3.14	0.26	0.05	0.34	0.26	0.41	0.17	0.48	2.95	3.93			5.57	3.09	0.26	1.34	3.68
pH	standard Units	6.03	6.77	6.57	6.34	5.90	6.86	5.87	5.83	6.59	8.67	6.70	6.67	6.44	9.60	6.26	6.44	7.27			6.44	7.18	6.62	6.40	6.52
ORP	mV	213.4	80	5.3	69.0	210.1	186	30.7	85.0	-67.8	-38	-43.7	-44.8	41.7	126	105.0	33.36	-105.2			206.8	79.8	169	40.2	227.9
Turbidity	NTU	2.3	0.21	1.47	0.04	6.5	0.6	1.58	1.69	1.5	1.46	6.1	1.90	31.8	2.11	2.6	1.62	1124.8			1.01	5.8	8.28	2.38	3.57
Initial DTW	feet	9.26	12.03	10.15	6.29	9.30	12.10	9.98	6.64	9.61	11.49	10.06	8.30	11.16	11.84	10.39	8.59	11.60			8.24	12.66	17.80	13.88	9.55
Final DTW	feet	9.37	12.35	10.15	6.30	9.64	12.10	NM	6.77	9.62	11.54	10.12	8.33	24.26	15.40	17.69	18.81	12.50			8.45	18.50	23.50	20.20	16.81

	Well ID:	MW-19(R)				MW-24(OB)				MW-24(R)				MW-25(OB)				MW-25(R)				MW-26(OB)			
	Location:	Downgradient				Downgradient				Downgradient				Downgradient				Downgradient				Downgradient			
	Quarter:	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Notes:																								
Parameter	**Units**																								
Temp	degrees C	12.23	13.64	11.35	10.26	11.15	15.23	11.62	6.56	11.44	13.95	6.86	10.29	11.10	14.82	12.88	10.35	12.06	15.81	12.07	11.02	11.26	16.28	11.57	7.31
Conductivity	µS/cm	708	790.8	562	807	178	302.2	647	99	1970	2069	1303	1975	931	722.5	797	757	902	742.8	850	1053	543	448.3	674	562
DO	mg/L	0.31	0.07	0.60	0.94	10.42	8.88	9.63	12.36	4.70	2.30	2.28	6.02	1.41	1.28	1.03	1.61	0.21	0.02	0.17	0.70	4.96	4.90	5.07	6.27
pH	standard Units	6.45	6.41	6.45	6.55	4.64	6.10	6.04	5.14	6.50	6.32	6.54	6.56	5.91	9.03	6.14	6.06	7.20	9.05	7.43	6.57	5.89	7.99	6.31	5.96
ORP	mV	155.3	208	-33.6	204.8	394.5	247	22.0	109.8	310.2	257	152	93.4	227.2	197	47.0	196.1	-16.6	-150	-162.2	-28.4	216.5	159	27.7	218.3
Turbidity	NTU	2.6	4.85	1.34	0.59	3.9	2.06	1.06	0.31	13.7	3.08	4.41	2.57	8.9	0.64	1.13	0.56	93.7	2.61	1.42	0.44	9.4	25.7	10.35	4.36
Initial DTW	feet	9.42	11.57	10.10	8.86	9.41	13.84	11.21	7.27	10.33	15.70	13.50	44.95	5.48	7.20	5.76	5.51	5.42	7.60	5.77	5.39	6.21	7.47	6.06	5.30
Final DTW	feet	10.05	11.64	NM	9.10	9.66	15.95	11.66	7.42	29.36	19.88	13.50	NM	5.52	7.29	5.86	5.56	6.09	7.71	6.20	6.18	6.33	7.61	6.40	5.52

	Well ID:	MW-26(R)				MW-27(OB)				MW-27(R)			
	Location:	Downgradient				Downgradient				Downgradient			
	Quarter:	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr
	Notes:												
Parameter	**Units**												
Temp	degrees C	11.17	14.97	12.50	9.18	10.85	15.11	13.30	8.46	11.69	14.76	13.20	8.61
Conductivity	µS/cm	595	525.9	481	591	110	102.6	402	79	534	466.4	716	592
DO	mg/L	4.37	0.28	0.90	5.86	1.58	0.28	1.09	4.41	0.42	0.35	0.40	6.06
pH	standard Units	6.37	7.96	6.24	6.47	5.22	7.79	5.28	5.25	7.03	8.11	7.37	7.08
ORP	mV	174.8	137	60.4	29.3	277	189	49.8	265.5	123	-108	-175.0	136.6
Turbidity	NTU	2	1.55	0.58	0.85	1.8	2.12	0.19	0.05	3.7	2.39	1.30	2.11
Initial DTW	feet	6.02	7.91	6.10	5.38	9.10	11.53	9.22	8.85	9.75	11.45	10.19	9.56
Final DTW	feet	6.48	7.90	6.60	5.76	9.55	12.41	10.48	9.69	16.55	21.00	14.91	16.11

TABLE 28
DQA/DUE Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Lab Report ID	Date Submitted	Lab Used	DQA DUE Completed	Nonconformances	Notes	Do the Identified Nonconformances effect the validity of the Data
12050178	5/7/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12050186	5/8/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12050226	5/8/2012	CET	yes	yes	The narrative identified that naphthalene initial calibration % was high for one batch. This does not effect the validity of the data since the laboratory reported that naphthalene was not detected in the sample associated wth the affected batch .	No
12050225	5/9/2012	CET	Yes	Yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. The LCS for total potassium has a low bias for two sample batches. This does not effect the validity of the data since there is no set standard for potassium. Dissolved sodium was flaged as having a high bias for several sample batches. this does not effect the data since there are no standards for sodium. As for the additional compounds that were identified as having non-conformances, these non-conformances do not effect the data due to the fact that none of the identified compounds were detected in the sample results.	No
12050273	5/10/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12050307	5/11/2012	CET	yes	yes	1) The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues; and, 2) Total sodium and dissolved manganese were detected in field blank FB051112.	1) No; and, 2) Associated groundwater sample results with detects of total sodium and dissolved manganese that were less than 5 times the amount of total sodium and dissolved manganese detected in the field blank have had a "B" qualifier added to the result.
12050332	5/14/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12050360	5/15/2012	CET	yes	yes	The narrative identified that naphthalene initial calibration % was high for one batch. This does not effect the validity of the data since the laboratory reported that naphthalene was not detected in the samples associated wth the affected batch .	No
12050419a	5/16/2012	CET	Yes	Yes	1) The narrative identifies a number of high and low recoveries associated with the LCS's, MS/MSDs, and initial and continuing calibration; 2) The narrative also identifies several low and high surrogate recoveries; 3) BOD for 4 samples was analyzed out of hold time; 4) TDS, dissolved Mn, phenanthrene, and benzo(a)anthracene were detected in field blank FB051612; and, 5) dissolved sodium, total sodium, and total potassium were detected in LCS blanks	1) No; 2) No; 3) Yes, The BOD results are considered biased low; 4) Yes, the TDS and dissolved manganese results associated with field blank FB051612 have been qualified "B" if the amount of TDS in the associated sample was less than 5 times the amount reported in the field blank; and, 5) No, the identified metals were not detected in the associated samples.
12050419b	5/16/2012	CET	No	Yes	1) BOD hold time for SW06_20120516 was exceeded by 3 minutes; and, 2) The narrative identifies a number of high and low recoveries associated with the LCS's, MS/MSDs, initial and continuing calibration, and high and low surrogate recoveries.	1) The hold time exceedance is so minimal that it is considered insignificant; and, 2) No, the affected constituents were not detected in the associated samples.
12050480a	5/17/2012	CET	Yes	Yes	The narrative identifies a number of high and low recoveries associated with the LCS's, and initial and continuing calibration. The narrative also identifies a low surrogate recovery for a sample. After reviewing the results of the lab data, none of the compounds associated with the nonconformances were detected in associated sediment samples and therefore do not present any data usability issues.	No
12050480b	5/17/2012	CET	Yes	Yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of the compounds associated with the nonconformances were detected in associated sediment samples and therefore do not present any data usability issues.	No

TABLE 28
DQA/DUE Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Lab Report ID	Date Submitted	Lab Used	DQA DUE Completed	Nonconformances	Notes	Do the Identified Nonconformances effect the validity of the Data
12060256	6/11/2012	CET	Yes	yes	1) Dissolved Hg requested, but not received; 2) BOD hold time exceeded by 1 hr 28 min for UNB-SP1_20120611; and, 3) The narrative identifies a number of high and low recoveries associated with the LCS's, MS/MSDs, initial and continuing calibration, and surrogate recoveries. Three of these nonconformances apply to compounds detected in samples: indeno(1,2,3-c,d)pyrene in UNB-SP1_20120611, naphthalene on the VOC list in UNB-SP4_20120611, and 4,4-DDE in UNB-SP1_20120611 and UNB-SP6_20120611	1) N/A; 2) The BOD result for UNB-SP1_20120611 is considered biased low; and, 3) No: The concentration of indeno(1,2,3-c,d)pyrene reported for UNB-SP1-20120611 is biased high, however, the result exceeds the CT Water Quality Standards Human Health Criteria, Consumption of Fish by one order of magnitude, and exceeds the CT Water Quality Standards Human Health Criteria, Consumption of Fish & Water by 2 orders of magnitude. Naphthalene is included on both the VOC and SVOC lists, and was therefore also reported for the SVOC list at a concentration of 2.4 ug/L. This concentration is at worst 2 orders of magnitude below the CT Water Quality Standards Human Health Criteria, Consumption of Fish & Water criteria. And the concentrations of 4,4-DDE reported for UNB-SP1_20120611 and UNB-SP6_20120611 (0.13 ug/L and 0.11 ug/L, respectively), are considered biased low, but both concentrations exceed the CT Water Quality Standards Human Health Criteria, Consumption of Fish and the CT Water Quality Standards Human Health Criteria, Consumption of
12080697	8/29/2012	CET	yes	yes	The narrative identified that naphthalene initial calibration % was high for one batch. This does not effect the validity of the data since the laboratory reported that naphthalene was not detected in the samples associated wth the affected batch .	No
12080721	8/30/2012	CET	yes	yes	1) The narrative identified that naphthalene initial calibration % was high for one batch. This does not effect the validity of the data since the laboratory reported that naphthalene was not detected in 9 of the 12 samples associated wth the affected batch. The 3 samples that exhibited detects of naphthalene were below the applicable RSR criteria, and furthermore, would be considered biased high. Also, the MS/MSD for sulfate both had a low bias. This does not effect the validity of the data since there are no established standards for this compound; and, 2) Sodium was detected in field blank FB083012.	1) No; and, 2) No, sodium was detected in associated samples at greater than 5 times the amount in the field blank.
12090028	9/4/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12090028	9/4/2012	CET	Yes	Yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's, and initial and continuing calibration. After reviewing the results of the lab data, none of the compounds associated with the nonconformances were detected in the surface water samples and therefore do not present any data usability issues.	No
12090046	9/5/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110126	11/6/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110155	11/7/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110209	11/9/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110231	11/12/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110253	11/13/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110414	11/16/2012	CET	yes	yes	1) The narrative identifies a number of high and low recoveries associated with the MS/MSDs and initial and continuing calibration; and, 2) SVOCs for sample SW-02 were extracted beyond hold time.	1) No; and, 2) No, no SVOCs were detected in SW-02.

TABLE 28
DQA/DUE Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Lab Report ID	Date Submitted	Lab Used	DQA DUE Completed	Nonconformances	Notes	Do the Identified Nonconformances effect the validity of the Data
12110416	11/19/2012	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
12110417	11/19/2012	CET	yes	yes	All of the BOD samples were anlayzed beyond the required holding time of 48 hours	The BOD results are considered biased low
13020452	2/27/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
13020486	2/28/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
13030024	3/1/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. The sulfate MSD had a low recovery for sample MW-16R, however, since there is no criteria for sulfate this does not effect the usability of the data. After reviewing the remaining results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
13030170	3/1/2013	CET	Yes	Yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's, and initial and continuing calibration. After reviewing the results of the lab data, none of the compounds associated with the nonconformances were detected in the groundwater seep samples and therefore do not present any data usability issues.	No
13030053	3/4/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
13030171	3/11/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No
13030171	3/11/2013	CET	Yes	Yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's, and initial and continuing calibration. After reviewing the results of the lab data, none of the compounds associated with the nonconformances were detected in the surface water samples and therefore do not present any data usability issues.	No

TABLE 28
DQA/DUE Summary
Off-Site Impact Analysis
Scofieldtown Park Landfill, Stamford, CT

Lab Report ID	Date Submitted	Lab Used	DQA DUE Completed	Nonconformances	Notes	Do the Identified Nonconformances effect the validity of the Data
12080741	8/31/2013	CET	yes	yes	1) The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues; and, 2) sodium was detected in field blank FB083112	1) No; and, 2) No, sodium was detected in associated samples at greater than 5 times the amount in the field blank.
12090027	9/4/2013	CET	yes	yes	The narrative identifies a number of nonconformances (high and low recoveries) associated with the LCS's, MS/MSD's and initial and continuing calibration. After reviewing the results of the lab data, none of compounds associated with the nonconformances were detected in the gw samples and therefore do not present any data usability issues.	No